

ACTA CHIMICA

ACADEMIAE SCIENTIARUM HUNGARICAE

ADIUUVANTIBUS

L. ERDEY, K. POLINSZKY, G. SCHAY

AC

R. BOGNÁR, GY. BRUCKNER, L. CHOLNOKY, Z. CSÜRÖS,
T. ERDEY-GRÚZ, Z. FÖLDI, M. FREUND, Á. GERECS, GY. HARDY,
Á. KISS, M. KORACH, F. MÁRTA, F. NAGY, J. PROSZT, Z. SZABÓ,
P. SZÓR, L. VARGHA, K. VAS

REDIGIT

B. LENGYEL

VOL. 1—50

AUTHOR INDEX — SUBJECT INDEX

(pp 3—61)

(pp 63—96)



AKADÉMIAI KIADÓ, BUDAPEST

1967

ACTA CHIM. ACAD. SCI. HUNG.

ACTA CHIMICA

A MAGYAR TUDOMÁNYOS AKADÉMIA
KÉMIAI TUDOMÁNYOK OSZTÁLYÁNAK
IDEGEN NYELVŰ KÖZLEMÉNYEI

SZERKESZTI
LENGYEL BÉLA

TECHNIKAI SZERKESZTŐK
DEÁK GYULA és TAKÁCS VILMOS

Az Acta Chimica német, angol, francia és orosz nyelven közöl értekezéseket a kémiai tudományok köréből.

Az Acta Chimica változó terjedelmű füzetekben jelenik meg, egy-egy kötet négy füzetből áll. Évente átlag négy kötet jelenik meg.

A közlésre szánt kéziratok a szerkesztőség címére (Budapest 502, postafiók 32) küldendők.

Ugyanerre a címre küldendő minden szerkesztőségi levelezés. A szerkesztőség kéziratokat nem ad vissza.

Az Acta Chimica előfizetési ára kötetenként belföldre 120 Ft, külföldre 165 Ft. Megrendelhető a belföld számára az „Akadémiai Kiadó”-nál (Budapest V., Alkotmány utca 21. Bankszámla 05-915-111-46), a külföld számára pedig a „Kultúra” Könyv- és Hírlap Külkereskedelmi Vállalatnál (Budapest I., Fő utca 32. Bankszámla: 43-790-057-181) vagy annak külföldi képviselőinél és bizományosainál.

Die Acta Chimica veröffentlichen Abhandlungen aus dem Bereiche der chemischen Wissenschaften in deutscher, englischer, französischer und russischer Sprache.

Die Acta Chimica erscheinen in Heften wechselnden Umfanges. Vier Hefte bilden einen Band. Jährlich erscheinen 4 Bände.

Die zur Veröffentlichung bestimmten Manuskripte sind an folgende Adresse zu senden:

Acta Chimica
Budapest 502, Postafiók 32.

An die gleiche Anschrift ist auch jede für die Redaktion bestimmte Korrespondenz zu richten.

Abonnementspreis pro Band: 165 Forint. Bestellbar bei dem Buch- und Zeitungs-Außenhandels-Unternehmen „Kultúra” (Budapest I., Fő utca 32. Bankkonto No. 43-790-057-181) oder bei seinen Auslandsvertretungen und Kommissionären.

The 50th volume of jubilee of *Acta Chimica*, one of the periodicals of the Hungarian Academy of Sciences, was published in the recent past. On this occasion, in order to make the contents of Volumes 1—50 more accessible to the reader in accordance with the requirements of today, a Cumulative Index has been prepared which consists of two parts.

The *Author Index* lists the names of all authors. Accompanying the name of the senior author, also the subject of the paper is given together with the volume and page where the publication is to be found. The names of co-authors are contained in this index with reference to the senior author, besides giving the volume and page numbers.

The *Subject Index* has been compiled with regard to the titles and contents of the papers. When a publication is primarily concerned with chemical compounds, their names are given according to the IUPAC system; if the paper deals with a method, it is indexed accordingly.

The Editors are grateful to (Miss) Dr. IRÉN DERSI for preparing the Cumulative Index.

В недалеком прошлом появился 50-ый юбилейный том журнала Академии Наук Венгрии «Acta Chimica». По этому случаю, чтобы сделать содержание пятидесяти томов журнала более доступным и предоставить читателям возможность для разработки материала в форме, соответствующем современным требованиям, был составлен сводный указатель, состоящий из двух частей:

Указатель авторов содержит имена и фамилии всех авторов. При названии первого автора приводится заглавие публикации, а также номер тома и страница, где имеется данная статья. В случае соавторов указывается на фамилию первого автора и на номер тома и страницу.

Предметный указатель составлен на основе заглавий и выводов публикации. Если статья занимается конкретным соединением, то в качестве заглавного слова приводится систематическое название соединения (согласно номенклатуре IUPAC); если же она посвящена химической манипуляции, то помещается название метода.

Редакция журнала выражает благодарность д-ру И. Дерши за большую работу по составлению сводного указателя.

AUTHOR INDEX

- ABEGG, J. L.
 — see PANNETIER, G. **25**, 205
 — see PANNETIER, G. **25**, 219
 — see PANNETIER, G. **30**, 127
- ABOULEZZ, A. F.
 — experiments with 4-chloro-5-nitroveratrole and synthesis of 5-nitro-hydroxyhydroquinone derivatives, **42**, 41
 — see KOVÁCS, Ö. K. J. **48**, 241
- ACKERMANN, G.
 — see SCHRADER, R. **33**, 31
- ÁCS, G.
 — see MÁRTA, F. **50**, 263
- ÁCS, M.
 — see KORÁNYI, GY. **24**, 333
- ÁDÁM, L.
 — radioactivity of atmospheric precipitations, **19**, 111
- ÁG, Á.
 — see KERÉKES—CSÉTI, S. **41**, 281
- AGARWAL, H. P.
 — oxidation of KJ by alternating current, **46**, 171
- AJTAL, I.
 — polarography of aromatic nitro compounds, **9**, 463
- ALAMELU, S.
 — viscosity of copper sulphate and zinc sulphate solutions, **21**, 333
 — viscosity of nickel sulphate solutions, **20**, 339
 — see SURYANARAYANA, C. V. **20**, 91
- ALIMARIN, I. P.
 — analysis of rare elements with aromatic phosphonic acids, **32**, 171
- ALKONYI, I.
 — synthesis of β -cyclogeraniolene, **12**, 149
 — synthesis of trimethyl cyclohexadiene carboxylic acid, **12**, 289
 — see SZABÓ, D. **7**, 57
- ÁLMÁSSY, GY.
 — colorimetric microdetermination of manganese (II), **8**, 11
 — colorimetric microdetermination of uranium(VI), **7**, 317
 — colorimetric microdetermination of iron (III), **12**, 155
 — colorimetric microdetermination of vanadium(V), **6**, 339
 — detection of uranium(VI) by salicylic aldoxime, **15**, 225
 — microdetermination of iron(II) **13**, 59
 — microdetermination of molybdenum(VI), **20**, 243
 — microdetection of oxalate ions, **11**, 7
 — partition of selenious acid, **25**, 391
 — preparation of selenium by ion exchange, **33**, 187
 — processing of calcium- and magnesium-bearing rocks, by ion exchangers, **32**, 255
 — separation of copper by paper chromatography, **14**, 249
 — separation of molybdenum(VI), **7**, 253
 — separation of titanium(IV), zirconium(IV) and thorium(IV), **7**, 325
 — separation of uranium(VI) by paper chromatography, **11**, 1
 — titrimetric microdetermination of chromium(VI) and chromium(III), **8**, 1
 — use of oxy-nitro-chalcones in microanalysis, **14**, 241
 — use of morine in microanalysis, (I) **6**, 335; (II) **7**, 245; (III) **7**, 249
- ÁLMÁSY, A.
 — analytical chemistry of radioisotope preparations, **26**, 195
 — determination of rare earth metals, **17**, 55
 — reaction kinetics of determination of water, **33**, 471
 — separation of rare earth metals, **10**, 303
 — see ERDEI, L. **6**, 173
 — see FERENCZY, Z. **9**, 179
- ÁLMÁSY, G.
 — calculation of diffusion coefficients, **20**, 419
 — direct production of acetone, (II) **24**, 283; **24**, 385; (IV) **24**, 399
 — rate correlation of adiabatic reactions, (I) **24**, 197; (II) **25**, 243
 — use of computers in petroleum industry researches, **31**, 9

- see PALLAI, I. 25, 33
- see ALMÁSY, A. 33, 471
- ALMÁSY, M.
 - alcohol preparation, (III) 18, 273
- AMIN, G. C.
 - action of bromine, phenylhydrazine and ethyl acetoacetate on 3'5'-dibromo-2'-hydroxy-chalcones, 49, 197
 - see CHRISTIAN, C. M. 21, 391
 - see DAVE, G. R. 34, 101
- ANDERSON, G. W.
 - racemization in peptide synthesis, 44, 51
- ANDERSON, J. C.
 - synthesis of peptides related to gastrin, 44, 187
- ANDRÁS, L.
 - see BEREZ, E. 28, 359
- ANDREIEV, A.
 - see PENCHEV, V. 36, 451
- ANTAL, J.
 - see ALMÁSSY, Gy. 32, 255
- ANTONIANI, C.
 - meat preservation by cold, 23, 339
- ANTONOV, V. K.
 - incorporation of aminoacyl in peptides, 44, 93
- ANTONOVICS, I.
 - see YOUNG, G. T. 44, 43
- ARGAY Gy.
 - redetermination of crystal structure of silver subfluoride, 49, 329
 - see NÁRAY-SZABÓ, I. 39, 85
 - see NÁRAY-SZABÓ, I. 40, 283
- ÁRKOSI, K.
 - particle size of montmorillonite, 4, 169
- ARNOLD, H.
 - synthesis of circulin B, 44, 155
- ASZTALOS, I.
 - see TÖRÖK, T. 50, 23
- AUGUSTIN, M.
 - synthesis of DL- α -amino dicarboxylic acids 46, 85
- AVAeva, S. M.
 - seryl pyrophosphates and seryl phosphates, 44, 223
- AZORI, M.
 - see TÜDÖS, F. 24, 91
 - see KIRÁLY, J. 29, 409
 - see TÜDÖS, F. 33, 433
 - see TÜDÖS, F. 34, 61
- BABERNICS, L.
 - see TÉTÉNYI, P. 28, 375
 - see TÉTÉNYI, P. 29, 35
 - see TÉTÉNYI, P. 34, 335
 - see TÉTÉNYI, P. 35, 419
 - see TÉTÉNYI, P. 40, 387
 - see TÉTÉNYI, P. 42, 227
- see TÉTÉNYI, P. 42, 325
- see TÉTÉNYI, P. 43, 387
- BABÓCZKY—KAMPÓS, K.
 - see BENCZE, P. 31, 53
- BABOS, B.
 - see NÁDASY, M. 32, 377
- BÁCSKAI, R.
 - synthesis of polyvinyl pyrrolidone, 19, 1
- BAETZ, R.
 - see KAUFMAN, H. 36, 131
- BAITZ, E.
 - see SZŐKE, S. 48, 343
- BAJÁKI, L.
 - see TÖRÖK, T. 41, 143
- BAJUSZ, E.
 - see JÁMBOR, B. 10, 27
- BAJUSZ, S.
 - anomalous reaction of β -tert-butyl aspartate, 41, 329
 - contribution to protecting groups of arginine, 44, 31
 - synthesis of dodecapeptide derivative, 30, 239
 - synthesis of eledoisin, 42, 383
 - synthesis of peptides related to C-terminal 25—39 sequences of corticotropins, 48, 111
 - see MEDZIHRADESKY, K. 30, 105
 - see KISFALUDY, L. 30, 473
 - see PAULAY, Z. 43, 147
- BAKÁCS—POLGÁR, E.
 - see SZEKERES, I. 26, 375
- BÁLINT, Gy.
 - see MARTON, J. 21, 375
- BÁLINT, T.
 - analysis of petroleum products, (I) 39, 161; (II) 39, 171; (III) 41, 341; (IV) 41, 355
 - aromatic content of kerosene and gas oil, 15, 139
 - chromatographic separation of aromatic hydrocarbons, 31, 17
 - chromatography on prepared adsorbent in liquid phase, 35, 391
 - determination of aromatic hydrocarbon by UV spectrophotometry, 48, 261
 - determination of chlorine in chlorinated hydrocarbons, by radioactive radiation, 26, 203
- BALLA, B.
 - production of phosphate containing feed salts, 40, 245
- BALLA, F.
 - decomposition of vitamin C. (I) 21, 363; (II) 24, 421; (III—IV) 24, 437; (V—VII) 35, 119
- BALLÓ, R.
 - data of strength of plastics, (I) 29, 463; (I/2) 39, 129; (I/3) 43, 165; (I/4) 43, 179

- stress and strain properties of polyamide, **39**, 253
- BALOG, J.
 - reduction of Co(III) complexes (I) **33**, 77
 - see CSÁSZÁR, J. **33**, 399
- BALOGH, Cs.
 - see KUNZ, A. **33**, 463
- BÁN, M.
 - absorption spectra of inorganic coordination complexes, (II) **19**, 459
 - light absorption of stilbene, **14**, 299
 - vibrational symmetries of tetracyano nickel(II) ion, **19**, 35
 - see KISS, Á. **40**, 397
- BÁNFI, D.
 - preparation of phthaloylglycine-1-¹⁴C and glycyl-1-¹⁴C peptides, **35**, 213
 - see FODOR, G. **1**, 385
 - see KISS, J. **5**, 341
 - see TEPLÁN, I. **34**, 105
 - see TEPLÁN, I. **34**, 109
- BÁNKÖVI, Gy.
 - design of desulphurization of diesel oil, **31**, 23
- BÁNSÁGI, T.
 - see BATTÁ I. **41**, 219
- BÁNYAI, É.
 - oxidation products of 4-amino-4'-methoxy-diphenylamine, **20**, 307
 - use of precipitate exchange reactions in analysis (I) **8**, 383
 - see ERDEY, L. **3**, 437
 - see ERDEY, L. **4**, 315
 - see ERDEY, L. **8**, 395
 - see ERDEY, L. **8**, 409
 - see ERDEY, L. **13**, 453
 - see ERDEY, L. **15**, 65
 - see ERDEY, L. **26**, 211
 - see ERDEY, L. **33**, 387
- BARABÁS, J.
 - see TÖRÖK, T. **19**, 51
- BARCZA, L.
 - chelatometry of glass surfaces, **26**, 295
 - chemistry of selenium and selenium compounds, (XIII) **45**, 23; (XIV) **47**, 137; (XV) **48**, 99
 - determination of bismuth, **28**, 143
 - determination of minute amounts of o-phenylene diamine in presence of m- and p-phenylene diamine, **41**, 91
 - see SCHULEK, E. **37**, 351
 - see SCHULEK, E. **47**, 129
- BÁRCZAI, M. B.
 - see BEKE, D. **21**, 153
- BÁRDI, I.
 - see BECK, M. T. **29**, 283
 - see BECK, M. T. **41**, 231
- BARDÓCZ, Á.
 - spectrochemical analysis of solutions with rotating pin electrode technique, **7**, 1
- BARK, L. S.
 - determination of microgram quantities of nitrate, **27**, 391
- BARNA, J.
 - see ÁRKOSI, K. **4**, 169
- BARNA, L.
 - see SAJÓ, I. **10**, 19
- BAROSS—PAPP, L.
 - see ALMÁSSY, Gy. **32**, 255
- BARTELS, U.
 - see PHILIPP, B. **32**, 19
- BÁRTFAY, J.
 - determination of fermentation citric acid, **26**, 413
- BARTH, A.
 - amino acid-(phenylazo)-phenyl derivatives, (X) **49**, 405
- BARTHA, L.
 - see SZABÓ, Z. G. **1**, 116
 - see SZABÓ, Z. G. **3**, 231
- BARTHA, Z.
 - determination of modulus of shear in rubber, **33**, 359
 - fatigue test for pneumatic, **5**, 481
- BARTÓK, M.
 - see SHUIKIN, N. I. **38**, 115
- BARTON, M. A.
 - see ANDERSON, J. C. **44**, 187
- BASTIUS, H.
 - see FISCHER, W. **34**, 167
- BÁTHORY, J.
 - production of ethylene oxide, **31**, 31
 - production of n-hydrocarbons, **31**, 41
 - see FREUND, M. **16**, 51
 - see ORSZÁG, I. **40**, 367
 - see ORSZÁG, I. **42**, 119
- BÁTOR, B.
 - reaction kinetics of Hungarian coals, **43**, 99
- BATTÁ, I.
 - formation and properties of spinels, **41**, 219
- BAUMANN, M.
 - polarography of muscle proteins, **9**, 319
- BAXA, J.
 - oxydation of lubricating oils, **37**, 147
- BAYER, I.
 - colorimetry of enzyme activity, **3**, 515
 - determination of Strychnos alkaloids, **41**, 209
 - see TUZSON, P. **2**, 15
- BAYER, J.
 - structure of 2-(3'-pyridyl)-1,3,8-triazanaphthalene, **48**, 353
 - see LAKATOS, B. **17**, 125
 - see LAKATOS, B. **17**, 151

- BEAUMONT, S. M.
— racemization during coupling reactions, **44**, 37
- BECK, M. T.
— amphoteric properties of ethylenediamine tetraacetic acid, **22**, 159
— catalytic effect of oxygen-carrying complexes, **29**, 401
— correlation between "isoelectric point" and stability of complex compounds, **4**, 227
— decomposition of hydrogen peroxide, **42**, 321
— determination of stability constant of mixed complexes, (I) **32**, 1
— distinguished points of complex formation function, **20**, 285
— effect of ligand on activation, **42**, 343
— hydrogen peroxide stabilised by titanium(IV), for titrimetric measuring solution, **5**, 209
— inorganic paper chromatography, **3**, 187
— kinetics of Fe(III)-triethylene tetramine- H_2O_2 system, **20**, 57
— paper chromatography of amino acids, **4**, 231
— paper chromatography of amino acid-metal complexes, **7**, 465
— reaction of aluminiummorin, (II) **4**, 223
— reduction of chromium(VI), (I) **29**, 283; (II) **41**, 231
— spectrophotometry of uranium, **8**, 233
— solubility of cadmium thiocyanate and cadmium cyanide, **41**, 291
— stability constants of Bi(III)-EDTA and Bi(III)-DCTA complexes, **50**, 155
— stability of halide mixed complexes of mercury(II)cyanide, **41**, 423
— see SZABÓ, Z. G. **4**, 211
— see GÖRÖG, S. **29**, 291
- BEKE, D.
— behaviour of opianic acid **12**, 275
— ring closure of isoquinoline (I) **13**, 377; (II) **16**, 439; (III) **19**, 259; (IV) **19**, 267; (V) **20**, 407; (VI) **35**, 205
— chemistry of heterocyclic pseudobasic aminocarbinols, (XIV) **21**, 153
— structure of cotarnine derivatives (I) **11**, 295; (II) **11**, 303; (III) **11**, 309; (IV) **11**, 349
— synthesis and pharmacology of local anesthetics, (I) **5**, 143; (II) **5**, 151
— synthesis of dihydroisoquinoline, **12**, 283
— synthesis of salsoline analogues, **14**, 325
— tautomerism of heterocyclic pseudobasic aminocarbinols, **17**, 463
— see FODOR, G. **1**, 149
— see LEMPert, K. **12**, 93
- BEKE, Gy.
— see LENGYEL, S. **39**, 357
- BÉKÉSI, I.
— see BOGNÁR, R. **3**, 255
— see BOGNÁR, R. **4**, 355
- BELCHER, R.
— selective and sensitive organic reagents, **33**, 257
- BELL, C. O. R.
— comparison of properties of automotive crankcase oils in European and North American continents, **36**, 301
- BELLEN, Z.
— investigation of phthalic acid anhydride, **26**, 417
- BELLOMO, A.
— high frequency titration with immersion electrode, **41**, 365
- BELSKI, B.
— see PIOTROWSKI, A. **33**, 11
- BELSKII, I. F.
— see SHUIKIN, N. I. **38**, 115
- BENCZE, P.
— dialkylphenoldithiophosphate lubricating oil additives, **42**, 173
— preparation of additives, **31**, 53
- BENE, E.
— quantitative determination of dyestuffs, **11**, 49
- BENEDEK, P.
— continuous gas chromatography (II) **14**, 19; (III) **14**, 31; (IV) **14**, 339; (V) **14**, 353; (VI) **14**, 359; (VII) **34**, 257
— see FREUND, M. **14**, 3
— see SZEPESY, L. **35**, 433
- BENESÖVSKY, F.
— see NOWOTNY, H. **18**, 35
- BENKÓ, I.
— see SZÁDECZKY-KARDOSS, G. **8**, 241
- BENKÓ, J.
— calculation of physical constants, **35**, 447
— correlation between physical constants of organic compounds, **21**, 351
— correlation of molecular volume and critical pressure with number of atoms, **34**, 217
— empirical correlation between atomic structure and physical constants of elements, **41**, 401
— specific gravity as a function of nucleon number, **29**, 149
- BERAK, J. M.
— synthesis of butadiene from ethyl alcohol, **50**, 163
- BÉRCES, T.
— SZABÓ, Z. G. **22**, 461
- BERECZ, E.
— calculation of viscosity of ternary solution systems, **39**, 437

- physico-chemical investigation of ternary electrolyte solutions, (III) **28**, 359; (IV) **29**, 75; (V) **29**, 157; (VI) **29**, 297
- thermodynamical investigation of ternary solution, **15**, 301
- BEREGI, L.
 - see FODOR, G. **15**, 315
- BERENCZ, F.
 - see PAUNCZ, R. **2**, 375
 - see PAUNCZ, R. **3**, 261
 - see PAUNCZ, R. **4**, 333
- BEREZHNIKH, T. F.
 - see Tüdös, F. **24**, 91
- BERGEL, F.
 - see SZEKERKE, M. **44**, 159
- BERKY, D.
 - see ERDEY-GRÚZ, T. **31**, 385
- BERNARD, J. C.
 - see TRIDOT, G. **34**, 179
- BERNÁTH, G.
 - active substances in Salsola Kali, **32**, 467
 - correlation between structure and R_F value of organic substances, (I) **31**, 443
 - see KOCZKA, K. **33**, 165
 - see KOCZKA, K. **33**, 173
- BERTY, J.
 - synthesis of alcohols from olefins, **3**, 177
- BESTMANN, H. J.
 - see WEYGAND, F. **18**, 59
- BEYER, H.
 - investigation on frontal gas chromatography, (III) **47**, 13
 - thiazole chemistry **12**, 325
 - see VARGA, K. **47**, 23
- BEYERMAN, H. C.
 - racemization and bifunctional catalysts in peptide synthesis, **44**, 99
- BHATNAGAR, V. M.
 - clathratography of urea, **46**, 179
 - X-ray powder diffraction pattern of camphor-thiourea clathrate, **48**, 23
- BICZÓ, G.
 - electronic structure of 1-benzene-azo-N-phenyl-2-naphtylaminochelate, (II) **46**, 195
 - see LADIK, J. **47**, 263
- BIELD, J.
 - see TÖRÖK, T. **50**, 23
- BIHARI—VARGA, M.
 - hydrolysis of polymixin B and its copper complex, **37**, 117
 - paper chromatography of carbohydrates, **38**, 55
 - precipitation complexes from mucopolysaccharides and β -lipoprotein, **45**, 219
 - see NYILASI, J. **39**, 235
 - see NYILASI, J. **42**, 365
 - see NYILASI, J. **47**, 291
- BILLES, F.
 - determination of vibrational force constants, **47**, 53
 - investigation of intermolecular interaction, **29**, 63
 - redundancy conditions, (I) **45**, 285 (II) **46**, 45 (III) **49**, 97
 - thermodynamical properties of associated mixtures, **35**, 147
- BIRÓ, A.
 - use of line oven in paper chromatography **21**, 143
- BIRÓ, O.
 - see BALLÓ, R. **39**, 253
- BIRTHLER, R.
 - aromatization by platinum catalysts, **18**, 157
 - decomposition of higher phenols **12**, 161
 - see ZALAI, A. **31**, 301
- BISHOP, E.
 - induction of electron transfer reactions, **35**, 273
- BITE, P.
 - preparation of ajmaline derivatives, (I) **38**, 47
 - preparation of $\Delta^{3,5}$ -steroid compounds, **48**, 255
 - solanum-alkaloids (IV) **17**, 241
 - steroid substances of Solanum Lacinium, **34**, 363
 - see LÉNÁRD, K. **38**, 57
- BITSKEY, J.
 - brasilin as an acid-base indicator, **11**, 359
 - determination of hydrogen peroxide in alkaline solutions, **8**, 203
 - determination of hydrogen peroxide in presence of oxalic acid, **10**, 327
 - oxidimetric titration in alkaline solution, **10**, 313
- BLAŽEJ, A.
 - see ČERNÁK, J. **27**, 87
- BLINC, M.
 - effect of ionizing radiations on food products, **23**, 555
- BLOCK, J.
 - see GORDON, L. **33**, 299
- BODÁNSZKY, M.
 - conversion of mannosido-streptomycin into streptomycin, **6**, 295
 - derivatives of streptomycin, **5**, 97
 - isolation of evericin, **3**, 237
 - synthesis of peptides, (II) **10**, 335 (IV) **11**, 179
- BODOR, E.
 - effect of temperature on polarographic and oscillographic polarographic curves, **15**, 191
 - polarography of organic metal complexes of quinalizarine, **9**, 375
 - see ERDEY, L. **5**, 65

- see ERDEY, L. 5, 235
- see ERDEY, L. 7, 277
- see ERDEY, L. 7, 287
- see ERDEY, L. 7, 293
- see ERDEY, L. 12, 251
- BOECK, E.**
 - problems of batch production, 36, 391
- BOGNÁR, J.**
 - analysis in ultraviolet light, (I) 19, 433; (II) 20, 103; (III) 20, 193
 - argentometric titration of chloride, with eosin indicator, 5, 105
 - autoxidation of iodine in solution of mercury(II) salts, 17, 1
 - brilliant yellow, as indicator in argentometric adsorption, 5, 91
 - catalytic analysis, (I) 29, 21; (II) 29, 131; (III) 29, 139; (IV) 29, 251 (V) 29, 261 (VI) 29, 383 (VII) 29, 395 (VIII) 35, 13; (IX) 35, 23
 - determination of iodide by simultaneous comparison, 37, 381
 - influence of organic solvents on adsorption indicator processes, 7, 361
 - kinetic method in analytical chemistry, 26, 17
 - mercurimetric method for determination by pyridine-thiocyanate complexes, 19, 41
 - titration with end point indication by reversible redox-adsorption, (I) 10, 125; (II) 10, 259
 - titration of zinc by xyleneblue VS or azurblue S as redox indicators, 16, 1
 - use of catalytic reactions in trace analysis, 28, 319
 - use of methanyl yellow, astrablue, xyleneblue, setoglaucon as indicators in cerimetry, 10, 51
 - use of redox indicators in mercurimetric titrations, (I) 17, 17; (II) 17, 27
- BOGNÁR, R.**
 - bromination of flavanone and flavanone-3-ol, 8, 309
 - flavonoids (IV) 13, 217; (III) 14, 369; (V) 30, 87; (VII) 34, 353; (XII) 35, 223
 - N-glycosides, (VI) 22, 301; (VIII) 33, 415; (XII) 45, 47
 - oxidation of sugar alcohols (IV) 14, 407; (V) 45, 57
 - preparation of urea derivatives, (I) 4, 355; (II) 4, 369
 - reaction of N-arylglycosylamines, 12, 115
 - steroid alkaloid glycosides, (X) 46, 205; (XI) 49, 109
 - structure of α -nitrocodeine, 42, 359
 - synthesis of sophoricoside, 4, 383
 - transposition of monoaryl urea and symmetric diaryl urea, 3, 255
 - see ZEMPLÉN, G. 1, 108
 - see ZEMPLÉN, G. 1, 245
 - see SZABÓ, V. 15, 103
- see ZEMPLÉN, G. 19, 285
- see GAÁL, GY. D. 30, 79
- see MAKLEIT, S. 33, 407
- see MAKLEIT, S. 37, 53
- BOHUS, J.**
 - see LAKATOS, B. 20, 1
 - see LAKATOS, B. 20, 115
 - see LAKATOS, B. 21, 293
 - see LAKATOS, B. 31, 357
- BOIRIE, C.**
 - determination of silicon in uranium, 33, 267
 - determination of uranium in biological substances, 33, 281
 - determination of uranium in minerals, 33, 275
- BOISSONNAS, R. A.**
 - synthesis of eldoisin analogues, 44, 129
- BOKSAY, Z.**
 - alkaline error calculation of glass electrodes, 46, 151
 - see LENGYEL, B. 25, 225
 - see NYILASI, J. 25, 443
 - see NYILASI, J. 34, 51
- BOLDIZSÁR, I.**
 - iodometry of 3-amino-4-hydroxyphenyl arsenous acid, 5, 121
- BOR, GY.**
 - analysis of metal-carbonyl complexes, 27, 395
 - carbonyl complexes of cobalt, (I) 8, 335; (II) 12, 57
 - infrared spectroscopy of metal carbonyl compounds, (I) 34, 315; (II) 34, 395
 - solution chromatography and infrared spectrometry of polyalkyl methacrylate, 26, 429
- BOROS—GYEVI, MRS.**
 - see HARDY, GY. 50, 319
- BOROSS, L.**
 - isolation and identification of antibacterial substances of *Kniphofia uvaria*, 35, 195
- BORSY, J.**
 - see TOLDY, L. 19, 273
 - see LÉNÁRD, K. 34, 439
 - see TOLDY, L. 42, 351
 - see TOLDY, L. 43, 253
 - see TOLDY, L. 44, 301
 - see TOLDY, L. 49, 265
- BORUS, A.**
 - see TETTAMANTI, K. 50, 145
- BOSC, D.**
 - see BOIRIE, C. 33, 281
- BOTA, T.**
 - see ALMÁSY, M. 18, 273
- BOTÁR, L.**
 - radiolysis of aqueous potassium iodide solutions, 34, 377

- thermodynamic consideration on hydrated electron, **44**, 293
- BOTVINIK, M. M.**
 - see AVAEVA, S. M. **44**, 223
- BOUQUET, G.**
 - BOKSAY, Z. **46**, 151
- BOZHEVOL'NOV, E. A.**
 - determination of inorganic contaminations by luminescence analysis, **32**, 199
- BOZSAI, G.**
 - amperometric titration in analysis of pharmaceutical preparations, **9**, 265
- BOZSAI, I.**
 - metal analysis by amperometric titration, **9**, 195
 - volumetric analysis of nickel in alloys (I) **28**, 151
- BÖCKEL, V.**
 - see KNAPPE, E. **18**, 85
- BÖRNER, G.**
 - see KEIL, G. **23**, 431
- BRAUN, T.**
 - complexometric titration with radiometric end-point detection, **41**, 199
 - radiometric end-point determination of coulometric titration, **46**, 35
 - technique of radiometric titration, **49**, 131
- BRENNAN, A.**
 - see ALMÁSY, M. **18**, 273
- BRENNER, M.**
 - kinetics of aminodiacylhydrazine rearrangement, **44**, 81
- BRENNER, N.**
 - application of capillary gas chromatograph to quantitative analysis, **27**, 205
- BŘEZINA, M.**
 - polarographic methods in clinical chemistry, **18**, 69
 - polarography of oxygen, **9**, 407
- BRICAS, E.**
 - see NICOT, CL. **44**, 229
- BRODA, R.**
 - nuclear method in chemical analysis, **50**, 49
- BRØNDUM, S.**
 - see VEIBEL, S. **18**, 493
- BROOKS, R.**
 - see RÜSSMANN, H. H. **42**, 1
- BRUCKNER, A.**
 - addition reaction of 1-aryl-1-propenes, **38**, 129
 - halogen addition by N-bromosuccinimide (I) **42**, 47; (II) **46**, 255; (III) **49**, 287
- BRUCKNER, V.**
 - attempted synthesis of γ -polyglutamic acid, **6**, 219
- hetero-ring splitting of 1-homoaryl isoquinoline, **21**, 409
- investigation on β -poly-DL-aspartic acid, **6**, 209
- preparation of mesoide γ -polyglutamic acids, **21**, 417
- simplification of pentacene synthesis, **28**, 405
- stereoisomers of O,O'-dimesylseryl-serine **34**, 93
- structure of anthrax polypeptide, **12**, 363
- structure of D-polyglutamic acid, (V) **7**, 223
- synthesis of pentacene, **22**, 443
- synthesis of α -polyglutamic acid, **3**, 361
- synthesis of L- and D-polyglutamic acid, **5**, 267
- $\alpha \rightarrow \gamma$ -transpeptidisation of α -glutamyl-peptide esters, **21**, 427
- type of bond of glutamyl residues in polypeptides, **21**, 105
- see KOVÁCS, J. **1**, 230
- see KOVÁCS, J. **6**, 183
- see VAJDA, T. **16**, 215
- see MEDZIHRADSKÝ, K. **30**, 105
- see BAJUSZ, S. **30**, 239
- see KISFALUDY, L. **30**, 473
- see KAJTÁR, M. **43**, 161
- see SZEKERKE, M. **46**, 379
- see SZEKERKE, M. **47**, 231
- see CSÁSZÁR, J. **50**, 405
- BRUCKNER, Z.**
 - compounds of rubber and resorcinol-formaldehyde resin, **1**, 163
- BRÜCHER, E.**
 - see SZARVAS, P. **50**, 279
- BUDEŠÍNSKÝ, B.**
 - choice of analytical applicability of acid-base reactions, **32**, 29
 - spectrophotometry of reactions of metalochrome-violet A **39**, 7
- BUHL, F.**
 - see GREGOROVICZ, Z. **32**, 145
- BUJDOSÓ, E.**
 - investigation of evaporating apparatus by radioisotope method, **42**, 433
- BUKOVECZ, M.**
 - see GERECS, Á. **30**, 95
 - see GERECS, Á. **32**, 371
- BUNČÁK, P.**
 - emission spectrography of metal components of petroleum products, **42**, 279
- BURÉ, J.**
 - see SANDRET, F. **23**, 513
- BURGER, K.**
 - application of Daxim [1,3-dimethylalloxan-imide(4)-oxime(5)] in analytical chemistry, (II) **26**, 305
 - analytical use of organic reagents, (III) **41**, 75; (VI) **46**, 1; (IX) **49**, 1

- palladium(II) chloride complexes, **40**, 261
- polarography of dimethyl glyoxime and its metal complexes, **49**, 113
- radiometric determination of trace amount of chloride, **40**, 17
- selective micromethod in analysis of metals, (III) **45**, 77
- see SCHULEK, E. **17**, 211
- see SCHULEK, E. **19**, 453
- see SCHULEK, E. **21**, 67
- see SCHULEK, E. **22**, 99
- see SCHULEK, E. **31**, 331
- see RUFF, I. **47**, 143
- BUZÁGH, A.
 - adhesion force of quartz particle, **1**, 182
 - colloid-chemical determination of montmorillonite, **5**, 287
 - effect of dielectric properties on gel-structures, **3**, 379
 - influence of freezing temperature on properties of colloids, (I) **10**, 427; (II) **10**, 447
 - photosensitivity of silver bromide suspensions, **5**, 277
- BUZÁGH, É.
 - see ERDEY, L. **26**, 43
 - see PAULIK, F. **38**, 311
 - see ERDEY, L. **41**, 109
- BUZÁS, I.
 - see ERDEY, L. **4**, 195
 - see ERDEY, L. **6**, 77
 - see ERDEY, L. **6**, 93
 - see ERDEY, L. **6**, 115
 - see ERDEY, L. **6**, 123
 - see ERDEY, L. **6**, 127
 - see ERDEY, L. **7**, 277
 - see ERDEY, L. **7**, 287
 - see ERDEY, L. **8**, 263
 - see ERDEY, L. **26**, 85
 - see ERDEY, L. **26**, 93
 - see ERDEY, L. **39**, 295
 - see ERDEY, L. **41**, 37
- CALLAHAN, F. M.
 - see ANDERSON, G. W. **44**, 51
- CEAŢEŞCU, D.
 - quick microdetermination of iodine, **28**, 165
- CEIANU, M.
 - see GRIGORIU, D. **36**, 313
 - see GRIGORIU, D. **36**, 331
- ČERNÁK, J.
 - polarography of cystine, **27**, 87
- CHAPIRO, A.
 - synthesis of graft copolymers, **18**, 5
- CHARLOT, G.
 - role of chemical reactions in analysis, **32**, 271
- CHERNIAVSKAIA, L. F.
 - see SAMIN, P. J. **36**, 381
- CHERNOVA, A. I.
 - see PUTIRSKAYA, G. V. **21**, 289
- CHERTKOVA, S. I.
 - see PLIUSNIN, V. G. **36**, 177
- CHOLNOKY, L.
 - investigation on carotenoid pigments, (I) **6**, 143; (III) **16**, 227
 - structure of paprika-dyestuffs, **22**, 117
- CHOMIAKOW, A.
 - see PAWLOWSKI, S. **21**, 269
- CHRISTIAN, C. M.
 - 2'-hydroxy chalcones and related compounds, **21**, 391
 - see AMIN, G. C. **49**, 197
- CIELESZKY, V.
 - determination of tin in foods, **1**, 343
 - polarography of exchange ratios, **9**, 381
- CIUHANDU, GH.
 - determination of carbon monoxide traces in carbon dioxide, **28**, 171
 - see CONTREA, A. **27**, 99
- CLAUDER, O.
 - see OROSZ, F. **49**, 291
- CLOUTIER, J. A. R.
 - see BHATNAGAR, V. M. **48**, 23
- CONRAD, M.
 - see GRIGORIU, D. **36**, 313
- CONTREA, A.
 - polarography of dimercaptopropylphthalamic acid, **27**, 99
- CORNIDES, I.
 - "ionization peaks" method for gas analysis, **27**, 385
 - see CSEKŐ, GY. **27**, 463
 - see OLLÁRI—VIRÁG, E. **27**, 469
- COURTOT—COUPEZ, J.
 - voltammetric study of aqueous oxidoreductive systems, **32**, 207
- CÖRMÖS, D.
 - see LITEANU, C. **27**, 9
- CsÁGOLY, E.
 - evaluation of catalytic protein waves, **9**, 335
- CsÁKVÁRI, B.
 - alkali error of glass electrode, (IV) **48**, 1
 - direct synthesis of alkyl chloro silanes, (II) **39**, 33; (III) **45**, 31
 - see LENGYEL, B. **25**, 225
 - see LENGYEL, B. **25**, 369
 - see LENGYEL, B. **39**, 27
 - see LENGYEL, B. **45**, 177
 - see BOKSAY, Z. **46**, 151
 - see LENGYEL, B. **50**, 119
- CsÁNYI, GY.
 - see AJTAI, I. **9**, 463
- CsÁNYI, L. J.
 - behaviour of peroxysulphuric acid on anion exchange columns, **37**, 369

- catalytic properties of cerium(IV) and cerium(III) ions in decomposition of Caro's acid, **34**, 383
 - catalytic properties of osmium tetroxide, **21**, 35
 - constitution and analysis of peroxy compounds (I) **13**, 9; (II) **13**, 19; (III) **13**, 257; (IV) **13**, 275; (V) **17**, 69
 - existence of peroxy acid solvats, **15**, 231
 - formation of isopoly acids, **15**, 257
 - induced reactions in analytical chemistry **26**, 29
 - oxidation potential of peroxy-acids of sulphur, **14**, 275
 - problems of chemical induction **38**, 1
 - reaction between hydrogen peroxide and thiocyanate ions, **34**, 1
 - reaction of molybdate ions (I) **14**, 69; (II) **14**, 79; (III) **14**, 269
 - see FÜLÖP, K. **38**, 193
 - see SCHNEIDER, J. **46**, 181
- CSAPÓ, Z.
- see STRAUB, GY. **26**, 267
- CSÁSZÁR, J.
- absorption spectra of bis-Ni(II)-salicylaldehyde, **32**, 343
 - absorption spectra of some metal complexes of α,α' -dipyridyl and *o*-phenanthroline, **24**, 55
 - absorption spectra of nickel *o*-phenanthroline and cyanocomplexes, **22**, 107
 - absorption spectra of *o*-phenanthroline and α,α' -dipyridyl metal complexes, **24**, 259
 - absorption spectra of transition metal complexes of mono- and dioximes, **32**, 451
 - magnetic properties of bis-(N-methylsalicylaldehyde)-nickel(II) **34**, 389
 - magnetic and spectroscopic investigation of polynuclear complex cyanides, **47**, 37
 - metal complexes of 8-OH-quinoline, **32**, 437
 - reduction of Co(III)-complexes, (II) **33**, 399
 - spectra of four and six coordinated nickel(II)-complexes, **40**, 193
 - synthesis of esters of (3 R:4S:5)-3,4,5-trimethoxy-cyclohexane-1,1-dicarboxylic acid, **50**, 405
 - see BECK, M. T. **7**, 465
 - see KISS, Á. **12**, 73
 - see KISS, Á. **13**, 49
 - see KISS, Á. **14**, 225
 - see KISS, Á. **15**, 151
 - see KÓTAI, A. **21**, 461
 - see BALOG, J. **33**, 77
 - see KISS, Á. **38**, 405
 - see KISS, Á. **38**, 421
 - see SZEKERKE, M. **46**, 379
- CSEKŐ, GY.
- mass spectrometric measurement of gas solubility, **27**, 463
- CSEPREGHY, GY.
- see FODOR, G. **28**, 409
- CSER, F.
- see HARDY, GY. **47**, 211
- CSÉTI, S.
- mathematical evaluation in spectrum analysis, **10**, 307
- CSIKÓS, R.
- see SZEPESY, L. **42**, 53
- CSISZÁR, B.
- see SZARVAS, P. **7**, 403
 - see SZARVAS, P. **26**, 281
 - see BECK, M. T. **32**, 1
- CSORDÁS, L.
- space group and lattice parameter of monose derivatives, **46**, 191
- CsÜRÖS, Z.
- acyl derivatives of cyclohexanone oxime, **1**, 66
 - condensation of benzaldehyde with benzyl cyanide, **33**, 341
 - copolymerisation of allyl alcohol, **29**, 207
 - correlation between optical rotatory power and structure of 1-benzoyl- β -D-glucosetetraacetate, **37**, 467
 - correlation of optical rotation and dissociation constants of aromatic galactosides, **42**, 263
 - determination of titanium tetrachloride, borotrifluoride and stannic chloride, **50**, 63
 - investigation of titanium tetrachloride complexes, **21**, 169
 - investigation on catalysts, (VI) **1**, 22; (VII) **1**, 168; (VIII) **1**, 359; (IX) **1**, 417; (X) **2**, 33; (XI) **2**, 213; (XII) **2**, 459; (XIII) **7**, 199; (XIV) **10**, 193; (XV) **8**, 283; (XVI) **14**, 95; (XVII) **14**, 381; (XVIII) **16**, 91; (XIX) **16**, 301; (XXIV) **17**, 289; (XXV) **17**, 309; (XXVI) **17**, 419; (XXVII) **17**, 439
 - investigation on catalysts, (XXVIII) **19**, 165; (XXIX) **19**, 181; (XXX) **19**, 221; (XXXI) **19**, 379; (XXXII) **20**, 129; (XXXIII) **22**, 73; (XXXIV) **22**, 87; (XXXV) **29**, 99; (XXXVI) **29**, 321; (XXXVII) **29**, 351; (XXXVIII) **29**, 419; (XXXIX) **30**, 461; (XL) **42**, 131; (XLI) **43**, 271; (XLII) **43**, 297
 - kinetics and mechanism of reaction of triacetyl levoglucosan, **21**, 193
 - preparation of 1-benzoyl-2,3,4,6-tetraacetyl- β -D-glucose derivatives, **33**, 455
 - reaction of glucosan with titanium tetrachloride, **21**, 181
 - reaction of levoglucosan esters, **29**, 227
 - rheology of macromolecular substances (IV) **19**, 65

- sulphuric acid ester of cyclohexanone oxime, **1**, 66
- CUSTOT, F.
 - heat treatment of fats, **23**, 201
- CUTHBERT, J.
 - oxidation of carbon monoxide, **18**, 291
- CZÁRÁN, E. L.
 - electron microscopic examination of silica-alumina catalyst, **49**, 165
 - see FEJES, P. **29**, 171
- CZAKOW, J.
 - spectrographic trace analysis of reactor substances, **30**, 395
- CZENKVÁRI, I.
 - see POGÁNY, L. **42**, 161
- CZERNOTZKY, A.
 - industrial electrolysis of alkali chlorides, **18**, 167
- CZERSKY, L.
 - crystallochemistry of metal corrosion, **18**, 297
- CZOMBOS, J.
 - see KOVÁCS, K. **50**, 361
- CZUPPON, A.
 - determination of R.M.S. end-to-end distances of poly-(dimethyl siloxane) molecules, **45**, 187
- DAIEV, CH.
 - see JORDANOV, N. **34**, 151
- DAMOKOS, T.
 - polarographic behaviour of vincamine, **27**, 105
- DAMS, R.
 - determination of arsenic by activation analysis, **50**, 111
- DANCEWICZ, D.
 - see MINCZEWSKI, J. **33**, 51
- DANZ, W.
 - roasting with turbulent layers, **18**, 173
- DAVE, G. R.
 - action of oxidizing agents on 2-mercapto-3-aryl quinazol-4-ones **34**, 101
- DAVIDOVA, N.
 - see PENCHEV, V. **36**, 451
- DEÁK, GY.
 - validity of Hammett equation, **29**, 111
 - see CSÜRÖS, Z. **2**, 213
 - see CSÜRÖS, Z. **17**, 439
 - see CSÜRÖS, Z. **19**, 165
 - see CSÜRÖS, Z. **19**, 181
 - see CSÜRÖS, Z. **21**, 169
 - see CSÜRÖS, Z. **21**, 181
 - see CSÜRÖS, Z. **21**, 193
 - see CSÜRÖS, Z. **29**, 227
 - see CSÜRÖS, Z. **33**, 341
 - see CSÜRÖS, Z. **33**, 455
 - see CSÜRÖS, Z. **37**, 467
- see CSÜRÖS, Z. **42**, 263
- see CSÜRÖS, Z. **50**, 63
- DĚDEK, V.
 - see SVOBODA, V. **32**, 407
- DELY, GY.
 - see CSÜRÖS, Z. **1**, 66
- DÉNES, A.
 - see CIELESZKY, V. **9**, 381
- DÉNES, G.
 - see BRUCKNER, V. **7**, 223
- DÉRI, M.
 - iron oxide-base semiconductors, (I) **5**, 215; (II) **16**, 71
 - role of crystal structure in manufacture of ceramic products, **50**, 471
 - see LENGYEL, S. **3**, 13
- DE SAINT RAT, L.
 - report on the European Association of Food Industry Analysts **23**, 593
- DESCHREIDER, A. R.
 - taste and aroma alterations of foods, **23**, 313
- DESPA, ST.
 - see GRIGORIU, D. **36**, 331
- DESSEWFFY, O.
 - stress-strain relations of rubber blocks (II) **7**, 393
- DÉVAY, J.
 - alternating and direct currents influence on oscillographic curve, **46**, 23
 - calculation of corrosion effect of alternating current, **47**, 185
 - calculation of corrosive effect of alternating current **45**, 37
 - corrosive effect of alternating current on metal surfaces, **43**, 17
 - diffusion current of mercury ions, **9**, 135
 - effect of alternating current on corrosion of steel surface, **44**, 385
 - effect of alternating current on corrosion of zinc, **46**, 325
 - effect of alternating current on electrolytic corrosion of steel, (I) **42**, 191; (II) **42**, 207; (III) **42**, 243
 - effect of alternating current on polarized electrodes, **41**, 295
 - effect of alternating current on zinc surfaces, **42**, 255
 - effect of charge current on mercury electrodes, **29**, 147
 - influence of alternating current on electrode potential, **50**, 167
 - influence of alternating current on steel corrosion, **46**, 97
 - inner resistance of polarographic cell, **35**, 255
 - mathematical investigation on effect of alternating current on corrosion, (I) **43**, 25; (II) **44**, 397; (III) **45**, 119
 - polarization of dropping mercury electrode, **28**, 323

- see ERDEY-GRÚZ, T. 25, 401
- see ERDEY-GRÚZ, T. 28, 331
- see ERDEY-GRÚZ, T. 30, 29
- see ERDEY-GRÚZ, T. 30, 431
- see ERDEY-GRÚZ, T. 31, 407
- see ERDEY-GRÚZ, T. 32, 355
- see ERDEY-GRÚZ, T. 32, 363
- see ERDEY-GRÚZ, T. 34, 301
- see ERDEY-GRÚZ, T. 35, 29
- see ERDEY-GRÚZ, T. 35, 171
- see ERDEY-GRÚZ, T. 35, 265
- see ERDEY-GRÚZ, T. 37, 53
- see ERDEY-GRÚZ, T. 37, 65
- see ERDEY-GRÚZ, T. 37, 251
- see ERDEY-GRÚZ, T. 37, 405
- see ERDEY-GRÚZ, T. 38, 203
- see ERDEY-GRÚZ, T. 38, 325
- see ERDEY-GRÚZ, T. 39, 77
- see ERDEY-GRÚZ, T. 40, 289
- DEZSŐ, I.
 - see ALMÁSSY, GY. 8, 11
 - see ALMÁSSY, GY. 11, 7
 - see ALMÁSSY, GY. 13, 59
 - see ALMÁSSY, GY. 14, 241
 - see ALMÁSSY, GY. 14, 249
- DISZLER, E.
 - see BITE, P. 38, 47
- DOBIS, O.
 - see KUNZ, A. 20, 275
 - see NAGY, F. 21, 397
- DOBÓ, J.
 - polymerization of cetylmethacrylate, 32, 253
 - see SOMOGYI, Á. 33, 327
- DOBOS, D.
 - see LENGYEL, S. 3, 13
- DOBOS, GY.
 - phase transformation of red mud, 50, 427
- DOBOS, S.
 - flame spectrophotometry in solutions, 28, 117
 - see CSÁKVÁRI, B. 48, 1
- DOBOZY, O.
 - see LŐRINC, A. 47, 419
- DOERFFEL, K.
 - see GEYER, R. 30, 295
- DOLESCHALL, G.
 - kinetics of transformation of 3,1,4H-benzoxazine-4-ones, (IV) 40, 235; (V) 48, 77
 - preparation of imidazoquinazolinédiones, (III) 45, 357; (IV) 47, 405
 - see LEMPert, K. 37, 457
- DOMONKOS, L.
 - see CSÁNYI, L. J. 34, 383
- DÓZSA, L.
 - see BECK, M. T. 41, 291
- DÖRING, C. E.
 - gas chromatography of C₆-hydrocarbons, 37, 125
- DÓRY, I.
 - steran skeleton compounds, (I) 17, 411; (II) 19, 243; (III) 19, 253; (IV) 20, 67; (V) 24, 83; (VI) 30, 71; (VII) 30, 207; (VIII) 30, 213
 - see ZEMPLÉN, G. 4, 151
 - see ZEMPLÉN, G. 12, 141
 - see ZEMPLÉN, G. 13, 397
 - see ZEMPLÉN, G. 14, 89
- DUALSZKY, S.
 - see KISFALUDY, L. 24, 301
 - see KISFALUDY, L. 30, 473
- DULLIEN, F.
 - see SCHAY, G. 15, 273
- DUMBOVICH, B.
 - see TOLDY, L. 42, 351
- DUNAEVSKAYA, K. A.
 - see DZIOMKO, V. M. 32, 223
- DUNKEN, H.
 - high frequency torch discharge use for excitation source, 33, 67
 - see FRITZSCHE, H. 40, 37
- DUŠINSKÝ, G.
 - determination of brucin by polarography and oscillopolarography, 16, 351
- DUSZA, Zs.
 - see CSŰRÖS, Z. 30, 461
 - see CSŰRÖS, Z. 42, 131
- DUTKA, F.
 - see SALLAY, I. 5, 359
 - see ÖTVÖS, L. 43, 53
- DUVAL, C.
 - investigation of analytical reactions, 32, 281
- DVOŘÁK, J.
 - effect of organic solvents in flame photometry, 30, 365
 - see REZÁČ, Z. 30, 375
- DYATLOVA, N. M.
 - see LASTOVSKII, R. P. 32, 229
- DYKYJ, J.
 - see KL'ÚČOVSKÝ, P. 36, 145
- DZIOMKO, V. M.
 - highly selective reagents among multidentate chelating agents, 32, 223
- DZUBAY, M.
 - flame photometry of minute amounts of barium, 22, 65
- EBERT, L.
 - see GÄRTNER, K. 27, 215
- ÉBREY, P.
 - see BECK, M. T. 4, 231
- ECKARDT, H.
 - see KEIL, G. 28, 413
- ECKHART, E.
 - preparation of 3,4-dihydro-isoquinolines and 2-alkyl derivatives, 43, 379

- ECKHART, E.
 — see ZEMPLÉN, G. **2**, 25
 — see ZEMPLÉN, G. **4**, 73
- EGYED, I.
 — see BURGER, K. **46**, 1
- EGYED, J.
 — furan derivatives, (I) **29**, 91
 — investigation of acylated geminal diamines, (I) **38**, 123; (II) **43**, 155
 — see GERECS, Á. **19**, 195
 — see NOSZKÓ, L. **45**, 329
- ELEK, S.
 — see DOBOS, Gy. **50**, 427
- ELHAMOULY, W. S.
 — see ABOULEZZ, A. F. **42**, 41
- EL-SAWY, M. M.
 — see MÜLLER, A. **50**, 387
- EMBER, Gy.
 — see HOLLÓ, J. **13**, 307
- ENDRŐI-HAVAS, Á.
 — see KRAUSZ, I. **26**, 129
- ENGELHARDT, J.
 — see PETHŐ, Á. **30**, 69
- ERDEY, L.
 — 4-amino-4'-methoxy-diphenylamine, as a colorimetric reagent, **6**, 131
 — analysis of silver-lead alloy, **32**, 151
 — ascorbic acid as measuring solution and variamine blue as indicator in iodimetry, **5**, 235
 — ascorbinometric determination of oxygen **4**, 325
 — ascorbinometric determination of silver ions, **4**, 195
 — ascorbinometry of mercury(II), **8**, 263
 — bromanilic acid in analytical chemistry, **4**, 245
 — chemiluminescence of lucigenin, **39**, 295
 — colorimetric determination of iron with 4-amino-4'-methoxy-diphenylamine, **6**, 131
 — colorimetry of iodine, with use of variamine-blue, **8**, 191
 — colorimetry of phosphate, **5**, 65
 — colorimetry of silver with dithizone, **5**, 133
 — composition of precipitated barium sulphate, **4**, 97
 — derivatography and electronmicroscopy of barium sulphate precipitates, (II) **41**, 109
 — derivatography of bauxites, **21**, 205
 — destruction of organic substances, **3**, 57
 — decomposition of hydrogen peroxide, **17**, 93
 — determination of gold by enrichment method of solution spectral analysis, **39**, 313
 — determination of iron contamination in noble metals, **4**, 315
 — determination of magnesium, zinc, vanadium and chromium in pure aluminum, **11**, 277
 — determination of metal traces by chronometric analysis, (I) **26**, 77
 — determination of phosphorus pentoxide content in bauxites, **11**, 195
 — determination of sulphates by pyrogenic decomposition, **4**, 37
 — determination of sulphur in non aqueous media, **28**, 179
 — determination of vanadium, (I) **7**, 277; (II) **7**, 287; (III) **7**, 293
 — determination of vanadium in aluminum and alumina, **4**, 259
 — determination of vanadium in ferrovanadium, **11**, 73
 — development of polarography in Hungary **9**, 17
 — diphenylamine type redox systems, **26**, 53
 — end point indication of mercurimetric titration, **3**, 437
 — formation circumstances of precipitates, **26**, 43
 — gravimetry of thallium, (I) **26**, 85; (II) **26**, 93
 — indirect polarographic determination of calcium, **11**, 171
 — kinetics of decomposition of hydrogen peroxide, **7**, 93
 — lucigenin, a new luminescent indicator, (I) **3**, 81; (II) **3**, 95; (III) **3**, 105
 — luminescence of lucigenin, **41**, 37
 — microdetermination of calcium, **4**, 235
 — oxidation properties of 2-hydroxy-4-amino-4'-methoxy-diphenylamine, **41**, 59
 — photometric determination of vanadium and chromium, **13**, 335
 — photometry of chromium, **4**, 289
 — polarography of iron(III) by ascorbic acid, **9**, 43
 — polymorphous modification of estrone, **46**, 373
 — preparation and redox potentials of variaminblue derivatives, **15**, 65
 — preparation of complex forming compounds, **21**, 327
 — quantitative determination of rare earth metals, **6**, 173
 — quick determination of zinc, **3**, 315
 — radiometric investigation of precipitation exchange reaction, (I) **26**, 211; (II) **26**, 219; (III) **33**, 387
 — reaction of hydrogen peroxide, **11**, 125
 — redox indicator for non aqueous solutions **26**, 71
 — redox titration in non aqueous medium, **15**, 81
 — redox titration with luminescent indicators (I) **6**, 77; (II) **6**, 93; (III) **6**, 115; (IV) **6**, 123; (V) **6**, 127

- spectrochemical analysis of solutions by cup electrodes **7**, 343
 - spectrochemical method for the elimination of interfering effect of cyanogen bands, **5**, 43
 - theory and practise of derivative thermogravimetry, **10**, 61
 - thermal analysis of precipitates, (I) **7**, 27; (II) **7**, 45
 - thermoluminescent properties of lithium fluoride, **45**, 95
 - use of end point indication by high frequency in ascorbinometry, (I) **35**, 381; (II) **37**, 17
 - use of precipitate exchange reactions in analysis, (II) **8**, 395; (III) **8**, 409; (IV) **13**, 453
 - variaminblue as redox indicator, **12**, 251
 - volumetric analysis of vanadium, (II), **3**, 469
 - see MÁZOR, L. **2**, 331
 - see FLEPS, V. **5**, 81
 - see JANKOVITS, L. **7**, 155
 - see BÁNYAI, É. **8**, 383
 - see PAULIK, F. **13**, 117
 - see JANKOVITS, L. **15**, 163
 - see BÁNYAI, É. **20**, 307
 - see PAULIK, F. **26**, 143
 - see RÁDY, GY. **28**, 237
 - see GIMESI, O. **33**, 381
 - see GIMESI, O. **38**, 303
 - see PAULIK, F. **38**, 311
 - see KÁSA, I. **39**, 21
 - see KOCSIS, E. **39**, 301
 - see KLATSMÁNYI-GÁBOR, P. **40**, 99
 - see KHALIFA, H. **41**, 187
 - see CSÜRÖS, Z. **42**, 131
 - see LIPTAY, GY. **42**, 379
 - see INCZÉDY, J. **43**, 1
 - see INCZÉDY, J. **43**, 9
 - see INCZÉDY, J. **50**, 105
- ERDEY-GRÜZ, T.
- adsorption of ethylene, **12**, 101
 - automatic timing device for capillary viscosimeters, **31**, 385
 - dependence of oxygen overvoltage upon water activity (I) **50**, 179
 - determination of electrolytic dissociation constant of hydrogen fluoride, **37**, 393
 - effect of alternating current to depolarisation of mercury electrode, (I) **25**, 401; (II) **28**, 331
 - effect of alternating current in sulphuric acid, (I) **13**, 201
 - effect of sinusoidal current on electrode processes, (I) **30**, 29; (II) **30**, 431; (III) **31**, 407; (IV) **32**, 355; (V) **32**, 363; (VI) **34**, 301; (VII) **35**, 29; (VIII) **35**, 171; (IX) **35**, 265; (X) **37**, 53; (XI) **37**, 65; (XII) **37**, 251; (XIII) **37**, 405; (XIV) **38**, 203; (XV) **38**, 325; (XVI) **39**, 77; (XVII) **40**, 289
 - electrolysis of silver complex compounds, **1**, 5
 - migration mechanism of hydrogen and hydroxyl ions (I) **13**, 429; (II) **16**, 417; (III) **19**, 89; (IV) **19**, 363; (V) **20**, 73; (VI) **20**, 175
 - overpotential of oxygen on platinum anodes, **34**, 281
 - polarization potential of platinum, **13**, 159
 - potential of electrolytic oxygen development, **29**, 47
 - velocity of hydrogenation, **1**, 46
- ÉRDI, M.
- see FREUND, M. **16**, 51
- ERŐ, J.
- see TÜDŐS, F. **45**, 245
- ERÖSS, K.
- see ERDEY, L. **46**, 373
- ÉRSEK, L.
- see BALLÓ, R. **43**, 165
- ETTRE, L. S.
- see BRENNER, N. **27**, 205
- EWERS, N.
- rapid ageing test of cut back asphaltic bitumina and liquid road bitumina, **36**, 431
- FABRICIUS, I.
- see TOLDY, L. **14**, 203
- FÁBRY, GY.
- see IMRE, L. **50**, 245
- FACSKO, G.
- internal electrolysis with vibrating electrodes, **27**, 31
- FADEEWA, W. I.
- see ALIMARIN, I. P. **32**, 171
- FALTA, É.
- see LÁNG, L. **11**, 45
- FARAGÓ, J.
- see CSÁNYI, L. J. **37**, 369
- FARAGÓ, T.
- see VARSÁNYI, GY. **34**, 411
 - see VARSÁNYI, GY. **43**, 205
 - see SZŐKE, S. **47**, 173
- FARKAS, I.
- see BOGNÁR, R. **3**, 255
 - see BOGNÁR, R. **4**, 355
 - see BOGNÁR, R. **4**, 369
 - see BOGNÁR, R. **30**, 87
 - see BOGNÁR, R. **35**, 223
- FARKAS, L.
- acacetins glycosides, **42**, 393
 - acylation of methylene groups, (III) **41**, 445
 - aurone glucosides, (IX) **44**, 341
 - ring isomerisation of isoflavones, (I) **24**, 225; (III) **32**, 109; (V) **33**, 183; (VII) **33**, 449; (VIII) **38**, 283; (X) **40**, 457; (XI) **41**, 441

- synthesis of polyoxychromone, (I) 20, 169; (III) 32, 103; (IV) 33, 179
- synthesis of pseudobaptigenin, (I) 19 218
- see ZEMPEÉN, G. 14, 471
- see ZEMPLÉN, G. 16, 445
- see ZEMPLÉN, G. 19, 277
- see ZEMPLÉN, G. 22, 449
- see HÖRHAMMER, L. 40, 309
- see HÖRHAMMER, L. 40, 463
- FARKAS, S.
 - see BAYER, I. 41, 209
- FARSANG, GY.
 - polarography of aluminum alloys, 27, 113
 - voltammetric behaviour of silver at carbon paste electrode, 45, 257
 - voltammetric properties and analytical uses of carbon paste electrodes, 45, 163
 - see PUNGOR, E. 25, 293
 - see PUNGOR, E. 27, 175
 - see PUNGOR, E. 30, 407
 - see BURGER, K. 49, 113
- FÁY, L.
 - see LÁSZLÓ, A. 35, 233
 - see LÁSZLÓ, A. 35, 351
 - see SZEPESY, L. 37, 71
 - see LÁSZLÓ, A. 42, 397
 - see LÁSZLÓ, A. 42, 409
- FEDOROVA, N.
 - see HARDY, GY. 43, 121
- FEHÉR, É.
 - see FODOR, G. 1, 385
- FEHÉR, M.
 - see BARCZA, L. 26, 295
- FEHÉR, Ö.
 - synthesis of sorbose derivatives, 50, 71
 - synthesis of sugar derivatives, (VI) 37, 443
 - see VARGHA, L. 19, 307
 - see VARGHA, L. 25, 361
- FEHÉRVÁRI, A.
 - see GUBA, F. 31, 101
 - see VÁMOS, E. 36, 417
 - see MÓZES, GY. 37, 191
- FEJES, P.
 - adsorption and desorption of nitrogen, 14, 439
 - adsorption of hydrogen on nickel catalysts, 20, 451
 - gas diffusion during flow in tubes, 29, 171
 - investigation on frontal gas chromatography, (I) 33, 87; (II) 43, 221
 - role of inhibition by pore diffusion, (I) 39, 213
 - theory of steady chromatographic gas fronts, 17, 377
 - see SCHAY, G. 11, 381
 - see SCHAY, G. 12, 299
 - see SCHAY, G. 22, 285
 - see KIRÁLY, J. 29, 409
 - see PETHŐ, A. 30, 63
- see BEYER, H. 47, 13
- see VARGA, K. 47, 23
- FEKETE, M.
 - see TOLDY, L. 43, 253
 - see TOLDY, L. 44, 301
- FELVÉGI, A.
 - see CSÁSZÁR, J. 47, 37
- FENICHEL, L.
 - see CSÚRÖS, Z. 21, 169
 - see DEÁK, GY. 29, 111
 - see VARSÁNYI, GY. 41, 309
 - see CSÚRÖS, Z. 50, 63
- FÉNYI, M.
 - see MÓZES, GY. 37, 191
- FERENCZI—GRESZ, S.
 - see NAGY, J. 47, 189
- FERENCZI, M.
 - see ZOMBORY, L. 4, 181
- FERENCZY, Z.
 - analysis of activation with polarograph, 26, 229
 - possibility of polarography of magnesium, 9, 179
 - see LECHNER, Á. 28, 223
 - see LECHNER, Á. 28, 231
- FÉZLER, GY.
 - see LENGYEL, S. 37, 319
- FIDLER, A.
 - see HAVIR, J. 50, 39
- FIJAKOVSKI, J.
 - copper spark method for analysis of radioactive solutions, 30, 321
- FILATOVA, M.P.
 - see SHCHUKINA, L.A. 44, 205
- FISCHER, W.
 - determination of oxygen content in copper, 34, 167
- FITE, L.E.
 - see WAINERDI, R.E. 50, 33
- FLEPS, V.
 - determination of phosphorus in silicate rocks, 5, 81
 - see ERDEY, L. 5, 65
 - see ERDEY, L. 5, 133
 - see ERDEY, L. 11, 195
- FLÓRA, T.
 - derivatography of copper and nickel complexes, 37, 359
 - kinetics of thermal decomposition, 48, 225
 - see TÓTH, K. 37, 371
 - see TÓTH, K. 45, 87
- FLÜGEL, W.
 - see ZANKER, V. 40, 45
- FODOR—CSÁNYI, P.
 - measurement of low energy beta isotopes, 47, 343
 - measurement of tritium and ^{14}C isotope, 49, 173

- simultaneous quantitative determination of two gamma-radiating isotopes, **49**, 225
- FODOR, G.
 - configuration of diastereoisomeric 2-amino cyclohexanols, **1**, 130
 - conformation of D-glucosamine, **5**, 205
 - configurational correlation of pharmacologically active 1,2-amino alcohols, (I) **1**, 377; (II) **1**, 385
 - decomposition of acetyl-sulphanilyl thiosemicarbazide and hydrazide, **2**, 183
 - direct synthesis of S (—) hyosciamine [S (—) atropine] **23**, 409
 - hydrogenation of cyanamides, **5**, 375
 - industrial employ of furfural, **15**, 315
 - steric structure of tropane alkaloids, **5**, 379
 - synthesis of adrenalin, (II) **1**, 149
 - synthesis of DL-nor-adrenaline, **1**, 395
 - synthesis of 2-hydrazino-4-methyl-thiazol, **2**, 189
 - see SZEKERES, L. **1**, 391
 - see SALLAY, I. **2**, 57
 - see KISS, J. **5**, 341
 - see KOCZKA, K. **13**, 83
 - see KOCZKA, K. **13**, 89
- FODOR, J.
 - esterification catalyzed by ion exchangers, (II), **10**, 141
 - determination of tungsten, **19**, 327
 - hydrolysis catalysed by ion exchange resins, **7**, 133
 - phosphorus content determination in steel, **19**, 13
 - see CSÜRÖS, Z. **2**, 459
 - see HAJÓS, Z. **7**, 117
 - see HAJÓS, Z. **16**, 291
 - see VAJTA, L. **25**, 459
- FODOR, M.
 - recovery of uranium with use of ion exchange resins, **29**, 1
- FOORD, D.
 - see GOODACRE, C.L. **36**, 235
- FÓTI, A.
 - acetyl derivatives of monose-2-nitro, -4-bromo, -a-methyl hydrazone, **43**, 439
 - structure and ring stability of O-acetyl-monose-2,4-dinitrophenylhydrazones, **47**, 221
 - see GERECS, Á. **34**, 113
 - see GERECS, Á. **35**, 217
 - see GERECS, Á. **38**, 145
 - see GERECS, Á. **42**, 145
- FÖLDES—BEREZNICH, T.A.
 - kinetics of radical polymerization, (XII) **42**, 149
- FÖLDES, P.
 - perforated plates of rectifying columns, **16**, 321
- FÖLDESI, I.
 - alkylation with organopotassium compounds, **45**, 231
- preparation of organotin compounds, (I) **45**, 237 (II) **45**, 313
- theory of halogen-containing aluminum alcoholates, **37**, 329
- see GÁL, Gy. **16**, 279
- FÖLDI, A.
 - see FÖLDI, Z. **11**, 339
 - see FÖLDI, Z. **13**, 111
 - see FÖLDI, Z. **16**, 185
- FÖLDI, T.
 - see FÖLDI, Z. **11**, 339
 - see FÖLDI, Z. **13**, 111
 - see FÖLDI, Z. **16**, 185
- FÖLDI, Z.
 - addition of thiol compound to double bond, (II) **3**, 371; (III) **3**, 501; (IV) **5**, 187
 - aryl-alkyl-carbinols, strength of C—O—C bonds, **6**, 191
 - bromination of benzo-dihydrothiadiazinedioxides, **33**, 147
 - condensation of glycine with p-nitrobenzaldehyde, (I) **25**, 433
 - condensation of p-nitrobenzaldehyde with hydantoin, **29**, 373
 - configuration of Cinchona bases, **16**, 185
 - conformation of ψ -ephedrine, **11**, 339
 - derivatives of α -oxo- β -acyl- γ -butyrolactone, **6**, 307
 - formation of arylsulphonylthioureas, **13**, 111
 - reaction of alkyl pyridines, **19**, 205
 - synthesis and conformations of 5-aryl-oxazolidines, **10**, 1
 - see KÖNIG, R. **3**, 157
- FÖLDIÁK, G.
 - correlation between quantitative gas stability and composition of mineral oil products, **31**, 67
 - reaction kinetics of thermal cracking, **42**, 421
 - see PAÁL, Z. **47**, 83
- FÖLDVÁRI-VOGL, M.
 - application of spectrum analysis in geochemistry, **28**, 9
- FRANZ, P.
 - see LOHS, KH. **26**, 451
- FREUND, M.
 - adhesion of oil films, on metal surfaces, **3**, 1
 - continuous gas chromatography, (I) **14**, 3
 - dewaxing mineral oil products, **16**, 51
 - hydrocarbons as raw materials for petrochemistry, **36**, 11
 - oxo-synthesis with use of olefins, **31**, 77
 - production of anode masses, **20**, 433
 - see BENCZE, P. **42**, 173
- FRIEDRICH, K.
 - determination of oxygen in molybdenum, **28**, 187

- FRIESE, K.
— see DOBÓ, J. **32**, 253
- FRITZ, D.
— effect of flame ionization detector to organosilicon compounds, **45**, 301
- FRITZSCHE, H.
— determination of hydrogen bond energy, **40**, 37
— doublet structure of broad OH band of phenol, **40**, 31
- FROMM-CZÁRÁN, E.
— see FEJES, P. **33**, 87
- FUCHS, O.
— see KRAUT, M. **15**, 19
— see HAJÓS, A. **21**, 137
— see HAJÓS, A. **24**, 411
- FUKKER, K.
— see RUSZNÁK, I. **9**, 49
— see RUSZNÁK, I. **9**, 59
- FUNK, H.
— see RAUTSCHKE, R. **28**, 103
- FÜGEDI, K.
— see CSÁSZÁR, J. **32**, 451
- FÜLÖP, K.
— polarography of system hydrogen peroxide-osmium tetroxide, **38**, 193
- FÜRST, V.
— see TÜDÖS, F. **15**, 417
— see TÜDÖS, F. **15**, 441
- GAÁL, GY. D.
— derivatives of 1-, and 2-nitro-codeine, **30**, 79
— see MAKLEIT, S. **33**, 407
— see BOGNÁR, R. **42**, 359
- GÁBOR-FEHÉR, M.
— see SCHULEK, E. **47**, 129
- GÁBOR-KLATSMÁNYI, P.
— see INCZÉDY, J. **50**, 105
- GÁBOR, V.
— investigation on chloramphenicol, (IV) **10**, 239
— see KOLLONITSCH, J. **5**, 13
— see KOLLONITSCH, J. **6**, 381
- GADÓ, P.
— preparation of $WO_{2.95}$ by thermal decomposition, **46**, 165
- GAIZER, F.
— see BECK, M. T. **41**, 423
- GÁL, D.
— chemism of explosion of gas mixtures, **8**, 23
— kinetics of oxidation of hydrocarbons, (VIII) **16**, 13
— slow and cold-flame oxidation of acet-aldehyde, **16**, 39
— see SZABÓ, Z. G. **10**, 387
— see SZABÓ, Z. G. **10**, 395
— see SZABÓ, Z. G. **11**, 205
— see SZABÓ, Z. G. **11**, 221
— see SZABÓ, Z. G. **11**, 239
— see SZABÓ, Z. G. **11**, 251
— see SZABÓ, Z. G. **11**, 263
— see SZABÓ, Z. G. **42**, 339
- GÁL, GY.
— attempted synthesis of tropinone, **6**, 365
— effect of aluminum halogen alcoholates in Meerwein-Ponndorf-Verley reduction, (I) **7**, 421; (II) **8**, 163
— reduction by halogen aluminum alcoholates, (IV) **15**, 211; (V) **16**, 279
— selective O-deacylation, **17**, 171
— stability of halogen aluminum alcoholates, **16**, 369
— see SIMONYI, I. **10**, 217
— see TOKÁR, G. **15**, 375
- GÁLDI, A.
— see ERDEY-GRÚZ, T. **38**, 325
- GALIBA, I.
— see GÁL, D. **16**, 39
— see SZABÓ, Z. G. **42**, 339
- GALLYAS, M.
— see FODOR-CSÁNYI, P. **49**, 225
— see ERDEY-GRÚZ, T. **50**, 179
- GARA, M.
— see CSÜRÖS, Z. **29**, 207
- GARAI, T.
— see DÉVAY, J. **50**, 167
- GARBALINSKY, V. A.
— see SERGUIENKO, S. R. **37**, 213
- GARC, S. B.
— see AGARWAL, H. P. **46**, 171
- GARZÓ, G.
— thermal processes in silicon-organic polymers, **41**, 269
— see LENGYEL, B. **37**, 37
— see CSÁKVÁRI, B. **39**, 33
— see FRITZ, D. **45**, 301
- GASPARIČ, J.
— paper chromatography on impregnated paper, **27**, 221
- GAUDNIK, J.
— see GREGORCZYK, S. **30**, 301
- GAUR, J. N.
— see JAIN, D. S. **42**, 7
— see JAIN, D. S. **43**, 201
— see ZUTSHI, K. **46**, 91
— see JAIN, D. S. **49**, 217
- GÄRTNER, K.
— separation of arsenic, molybdenum and tungsten, **27**, 215
- GÉCZY, I.
— synthetic linear polymers, (XI) **34**, 323; (XII) **37**, 435; (XXI) **43**, 129; (XXII) **45**, 131
— see CSÜRÖS, Z. **1**, 22
— see CSÜRÖS, Z. **1**, 168
— see CSÜRÖS, Z. **1**, 417
— see CSÜRÖS, Z. **2**, 33

- see CSÜRÖS, Z. **8**, 283
 - see CSÜRÖS, Z. **10**, 193
 - see MONDVAY, I. **10**, 111
 - see RUSZNÁK, I. **14**, 61
 - see CSÜRÖS, Z. **16**, 91
 - see CSÜRÖS, Z. **16**, 301
 - see CSÜRÖS, Z. **19**, 65
 - see CSÜRÖS, Z. **29**, 99
 - see SOMOGYI, Á. **33**, 327
- GÉCZY, K.
- see BENE, E. **11**, 49
- GEGUS, E.
- spectrochemistry of slags, **28**, 65
 - see ERDEY, L. **5**, 43
 - see ERDEY, L. **7**, 343
 - see ERDEY, L. **11**, 277
 - see ERDEY, L. **39**, 313
- GEIGER, I.
- see BERECH, E. **28**, 359
- GELLÉRI, A.
- see SZÓKE, S. **48**, 343
- GENEVOIS, L.
- stabilization of fruit juices, **23**, 571
- GEORAVOVITCH, V.
- see PANNETIER, G. **25**, 205
 - see PANNETIER, G. **25**, 219
- GEORGIEVA, K.
- see SHOPOV, D. **37**, 137
- GERECS, Á.
- o-acetates of D-glucose-, D-xylose- and D-mannose-2,4-dinitro-phenylhydrazones, **42**, 145
 - conversion of some aldose-2,4-dinitro-phenylhydrazones, **30**, 95
 - hydrochloric acid in Fries reactions, (I) **3**, 459; (II) **4**, 123; (III) **8**, 295
 - investigation on D-mannose-2,4-dinitro-phenylhydrazones, **32**, 371
 - 4-nitrophenylhydrazones of monoses, **34**, 113
 - preparation of glycopyranosil derivatives, **13**, 231
 - preparation of ring complexes, by aluminum chloride, **5**, 183
 - preparation of testosterone ester, **1**, 281
 - reaction of 2-desoxy-2-bromo-3,4-diacetyl-D-xylose with 4-nitro-phenylhydrazine, **34**, 119
 - reaction of α -hydroxy- and α -halogen-tetrahydropyran and -tetrahydrofuran with aniline and aryl hydrazines, **24**, 73
 - ring cleavage of two monosehydrazones, **38**, 145
 - ring stability of D-xylose, D-glucose and D-mannose, **35**, 217
 - syntheses from tetrahydrofurfuryl alcohol (I) **14**, 333; (II) **14**, 417; (III) **16**, 363; (IV) **19**, 195
 - see KÖNIC, R. **3**, 157
 - see EGYED, J. **29**, 91
- see FÓTI, A. **43**, 439
 - see FÓTI, A. **47**, 221
- GERGELY, A.
- copper(II) complexes of D-glucosaminic acid, (II) **45**, 203
 - metal complexes of D-glucosaminic acid, **26**, 313
 - see BECK, M. T. **50**, 155
- GERGELY, Á. Gy.
- see RUSZNÁK, I. **27**, 295
- GERGELY, J.
- mathematical analysis of diffusion coefficient measurement, **39**, 423
 - see SASVÁRI, K. **40**, 175
- GERI, I.
- see DÖRY, I. **17**, 411
 - see DÖRY, I. **30**, 207
- GEY, W.
- see KEIL, G. **28**, 413
- GEYER, R.
- simple method of spectrochemical local analysis, **30**, 295
- GIBER, J.
- analysis of products of nitration of methane, **22**, 435
 - see KUNZ, A. **20**, 275
 - see KUNZ, A. **20**, 393
 - see LENGYEL, S. **32**, 235
 - see LENGYEL, S. **32**, 429
 - see TAMÁS, J. **38**, 225
 - see LENGYEL, S. **39**, 357
 - see LENGYEL, S. **40**, 125
- GIMESI, I.
- see BECK, M. T. **42**, 343
- GIMESI, O.
- complexometric determination of sulphur and selenium, **33**, 381
 - determination of alkali cyanides and selenium in non aqueous medium, **38**, 303
 - see ERDEY, L. **28**, 179
 - see RÁDY, Gy. **28**, 237
 - see INCZÉDY, J. **31**, 347
 - see ERDEY, L. **32**, 151
- GIPP, S.
- composition of crude wax obtained from neutral oil, **31**, 85
- GIURAN, V.
- see CIUHANDU, G. **28**, 171
- GLABISZ, U.
- see MINCZEWSKI, J. **32**, 133
- GNAUCK, G.
- problems of analysis of inert gases, **27**, 229
- GOLDFINGER, P.
- activation energies and entropies of chlorine, **18**, 17
- GOLDHAHN, H.
- preparation of basic barbituric acids, **18**, 395

- GOLOPENCA-BAJOR, O.
— see ERDEY-GRÚZ, T. **34**, 281
— see ERDEY-GRÚZ, T. **50**, 179
- GOODACRE, C. L.
— lead alkyls as antiknock agents for motor gasoline, **36**, 235
- GOPALA RAO, G.
— oxidimetry of indigo, **26**, 489
— see SEETARAMA RAJU SAGI, **38**, 89
- GORBACH, S.
— determination of residue of pentachloro nitrobenzene, **28**, 199
- GORDON, L.
— precipitations from homogeneous solutions, **33**, 299
- GOSZTONYI, T.
— see MÁRTON, J. **25**, 115
- GOTTHARD, F.
— production of *n*-hexane, **36**, 113
- GOTTSEGEN, Á.
— see FARKAS, L. **33**, 449
— see FARKAS, L. **40**, 457
— see FARKAS, L. **41**, 441
- GOUNELLE, H.
— vitamin B₆ content in vegetables, **23**, 255
- GOVINDASWAMY, S.
— see SURYANARAYANA, C. V. **25**, 341
— see SURYANARAYANA, C. V. **29**, 309
— see SURYANARAYANA, C. V. **31**, 373
- GÖMÖRY, P.
— see FÖLDESI, I. **45**, 231
- GÖMÖRYOVÁ, A.
— paper chromatography of formic and acetic acid, **33**, 251
- GÖRÖG, S.
— analysis of steroids, (I) **47**, 1; (II) **47**, 7; (III) **47**, 121; (IV) **48**, 121; (V) **48**, 249
— quick determination of acetic anhydride, **26**, 437
— volumetric microdetermination of iron, **29**, 291
— see BECK, M. T. **20**, 57
— see BECK, M. T. **22**, 159
— see BECK, M. T. **29**, 401
— see BECK, M. T. **42**, 321
- GRÁF, L.
— adsorption theory of gas chromatography, **13**, 403
— see TÓTH, J. **22**, 331
- GREGOR, M.
— continuous desulphurization of gases, **18**, 181
- GREGORCZYK, S.
— quick alkalinity determination of open-hearth slag, **28**, 193
— rapid spectrographic determination of metals, **30**, 301
- GREGOROWICZ, Z.
— application of redox indicators in indirect analysis of anions, **32**, 145
— photometric determination of nickel, **18**, 79
- GRIGORIU, D.
— furfural refining of Diesel oils, **36**, 331
— technical parameters of propane deasphalting, **36**, 313
- GRESSER, W.
— see MICHEEL, F. **18**, 437
- GRÓB, L.
— see BOZSAI, I. **28**, 151
- GROFCSIK, J.
— transformation of quartz, **11**, 357
- GRÓH, GY.
— microbiology of racemization of protein, (I) **2**, 1
— see BUZÁGH, A. **5**, 277
- GROZSMANN, M.
— see CSÚRÖS, Z. **19**, 65
- GRÖBE, A.
— see KLARE, H. **18**, 205
- GRUBER, L.
— see ÖTVÖS, L. **43**, 149
— see SZABOLCS, A. **43**, 159
- GRUND, H.
— see SCHRADER, R. **33**, 31
- GRUNZE, H.
— preparation and properties of dichlorophosphoric acid, **18**, 303
- GRYLLUS, É.
— see OPLATKA, GY. **2**, 103
- GUBA, F.
— characterisation of lubricating greases, **31**, 101
— gel structure of lubricating greases, **25**, 85
— see SUGÁR, I. **7**, 233
- GUZALSKI, R.
— see BERAK, J. M. **50**, 163
- GUCZI, L.
— see TÉTÉNYI, P. **40**, 387
— see TÉTÉNYI, P. **41**, 383
- GUENEBAUT, H.
— see PANNETIER, G. **18**, 347
- GUERDJIKOV, D. SHT.
— correlation between crystal energy and polarisation in heteropolar compounds, **22**, 153
- GUILBOT, A.
— see SANDRET, F. **23**, 513
- GUNDERMANN, E.
— see LEIBNITZ, E. **31**, 145
- GUSEINOV, M. M.
— see MANEEDALIEV, Y. G. **36**, 169
- GUT, V.
— see PODUŠKA, K. **44**, 165

- GUTTMANN, ST.
 — protection of guanidino group of arginine, **44**, 23
 — synthesis of ACTH analogues, **44**, 141
- GUTTMANN, W.
 — argon investigation with doubly rotating spark gap, **37**, 27
 — double rotating spark in spectral analysis, **25**, 327
 — new internal standard for doubly rotating spark gap, **30**, 385
- GYARMATI, I.
 — analysis of rate of entropy, **35**, 95
 — deduction of Fourier equation, **47**, 63
 — possible axiomatic development of thermodynamics, **30**, 147
 — relation between integral principles of thermodynamics and Hamilton principle, **47**, 367
 — variational principles of thermodynamics, **43**, 353
- GYENES, I.
 — colour tests and determination of nor-adrenalone, **16**, 389
 — fluorimetry of glycosides, **10**, 267
 — separation of nitrogenous bases, **26**, 403
- GYERMEK, L.
 — see NÁDOR, K. **2**, 95
 — see NÁDOR, K. **2**, 153
 — see NÁDOR, K. **2**, 369
 — see NÁDOR, K. **3**, 323
 — see VARGHA, L. **5**, 111
 — see BEKE, D. **5**, 143
 — see BEKE, D. **5**, 151
- GYIMES, O.
 — see BALLA, B. **40**, 245
- GYIMESI, J.
 — isolation and structure of erotocine, (I) **45**, 323
 — see ERDEY, L. **21**, 327
- GYÖRBIRÓ, K.
 — polarographic cell with streaming mercury electrode, **9**, 185
 — polarography of beryllium, **22**, 225
 — polarography of magnesium, **9**, 27
 — polarography of traces of rhenium, **27**, 119
 — see CHOLNOKY, L. **6**, 143
 — see CHOLNOKY, L. **16**, 227
- GYURKOVICS, I.
 — see CSÚRÖS, Z. **29**, 207
- HAAS, K.
 — see BUDĚŠÍNSKÝ, B. **39**, 7
- HABERMAN, N.
 — see GORDON, L. **33**, 299
- HADOBÁS, B.
 — analysis of thorium, **28**, 207
- photometry of uranium (VI), **27**, 403
 — see PÁLFI, E. **27**, 155
- HAERDI, W.
 — determination of cobalt traces, **26**, 105
- HAIDEGGER, E.
 — composition of asphalts and bitumina, **15**, 325
 — production of fatty alcohols, (I) **19**, 23
 — see KÁROLYI, J. **24**, 157
- HAÏSSINSKY, M.
 — radiation of aqueous solution, **12**, 241
- HAJDUCZKY, G.
 — see BALLÓ, R. **39**, 129
- HAJÓS, A.
 — geminate aminocarbinols, (I) **49**, 417
 — investigation on chloramphenicol, (V) **15**, 175; (VI) **16**, 461; (VII) **17**, 449; (VIII) **21**, 131; (IX) **21**, 255; (X) **24**, 411
 — metal-hydrides in pharmaceutical chemistry, (I) **21**, 137
 — see GÁBOR, V. **10**, 239
- HAJÓS, Z.
 — inhibition of fading of dyes, (I) **7**, 117; (II) **16**, 291
 — see CSÚRÖS, Z. **1**, 359
 — see CSÚRÖS, Z. **2**, 213
 — see CSÚRÖS, Z. **2**, 459
 — see KOLLONITSCH, J. **5**, 13
 — see KOLLONITSCH, J. **6**, 381
 — see FODOR, J. **7**, 133
 — see KOLLONITSCH, J. **8**, 271
 — see FODOR, J. **10**, 141
- HALÁSZ, I.
 — coincidence of adsorption isotherms, **14**, 315
 — interferences from analogy between adsorption and condensation of vapours, **8**, 143
 — see SCHAY, G. **11**, 381
 — see SCHAY, G. **13**, 181
- HALMOS, M.
 — see KOVÁCS, Ö. K. J. **48**, 129
- HALMOS, T.
 — see LENGYEL, B. **44**, 373
- HANFORD, B. O.
 — see BEAUMONT, S. M. **44**, 37
- HANIC, F.
 — crystal structure of AlF_3 , **32**, 309
 — crystal structure of $\text{Cu}(\text{NH}_3)_2\text{CO}_3$, **32**, 305
- HANKOVSKY, H. O.
 — allylphenol and propenylphenol derivatives, **47**, 199
 — see HIDEK, K. **39**, 391
 — see HIDEK, K. **43**, 141
 — see HIDEK, K. **43**, 263
 — see HIDEK, K. **49**, 303
- HANTOS, E.
 — see BECK, M. T. **8**, 233

- HARASZTHY-PAPP, M.
 — see CSÚRÖS, Z. **21**, 181
 — see CSÚRÖS, Z. **21**, 193
 — see CSÚRÖS, Z. **29**, 227
 — see CSÚRÖS, Z. **33**, 455
 — see CSÚRÖS, Z. **37**, 467
 — see CSÚRÖS, Z. **42**, 263
- HARDY, GY.
 — investigation of radiation-induced solid state polymerization, (I) **43**, 121; (II) **40**, 419; (IX) **46**, 345; (XIV) **47**, 211; (XV) **50**, 319
 — polymerization of furan carboxylic acid vinyl ester, **17**, 121
 — polymerization of vinyl esters, **15**, 339
 — see WANSCHIEDT, A. A. **20**, 261
 — see WANSCHIEDT, A. A. **20**, 381
- HARDY, P. M.
 — see ANDERSON, J. C. **44**, 187
- HARSÁNYI, K.
 — see BEKE, D. **11**, 303
 — see BEKE, D. **11**, 309
 — see BEKE, D. **11**, 349
 — see BEKE, D. **13**, 377
 — see BEKE, D. **16**, 439
 — see BEKE, D. **19**, 259
 — see BEKE, D. **19**, 267
 — see BEKE, D. **20**, 407
 — see BEKE, D. **35**, 205
- HARTMANN, H.
 — see KÖRÖS, Z. **3**, 267
 — see SCHNEER, A. **22**, 35
 — see SCHNEER, A. **22**, 139
 — see SCHNEER, A. **28**, 271
- HAUTHAL, H. G.
 — see DÖRING, C. **37**, 125
- HAVAS, J.
 — see PUNGOR, E. **41**, 239
 — see PUNGOR, E. **48**, 17
 — see PUNGOR, E. **50**, 77
- HAVIR, J.
 — detection of sulphur compounds with fluorescein-1,3,6,8-tetramercurytetraacetate, **50**, 39
- HEGEDŰS, A. J.
 — correct definition of microchemistry respectively microanalysis, **30**, 21
 — interface processes in tungsten/gas at high temperature, **42**, 305
 — reaction of molybdenum trioxide with carbon monoxide, **39**, 321
 — thermal decomposition of manganese(II) nitrate, **46**, 311
 — thermo and X-ray analysis of reaction tungsten trioxide and carbon monoxide, **26**, 113
 — see KÜRTHY, J. **43**, 195
- HEGEDŰS, D.
 — see ERDEY, L. **26**, 219
- HEGYALJAI KISS, G.
 — see LIPTAY, GY. **42**, 379
 — see ERDEY, L. **46**, 373
- HEIDT, J.
 — Tüdös, F. **45**, 245
- HEIDT-LÁNYI, D.
 — see FÖLDI, Z. **29**, 373
- HEINZE, G.
 — see GIPP, S. **31**, 85
- HEISZMANN, J.
 — see CSÚRÖS, Z., **17**, 309
 — see CSÚRÖS, Z. **22**, 73
- HEMPEL, R.
 — see LÜBKE, K. **44**, 131
- HÉNAFF, VET. COL.
 — dehydration of coffee, **23**, 393
- HENSEKE, G.
 — hydrazones of osone, **12**, 173
- HENSLER, D.
 — see TÓTH, G. **2**, 209
- HERÉDY, L.
 — structure of black coal, **12**, 35
 — see NÁDASY, M. **16**, 205
- HERMANN, P.
 — thialysin derivatives and thialysin peptides, **44**, 219
- HEROLD, C.
 — see NIESE, S. **26**, 235
- HEROUT, V.
 — see SUCHY, M. **18**, 479
- HERR, F.
 — see NÁDOR, K. **3**, 497
 — see OLÁH, GY. **8**, 157
 — see LEMPert, K. **12**, 93
- HERRMANN, J.
 — food preservation by ionizing radiations, **23**, 503
- HESP, V.
 — see VARGA, J. **3**, 209
 — see VARGA, J. **14**, 43
 — see VARGA, J. **14**, 125
 — see HAIDEgger, E. **15**, 325
- HESS, Á.
 — see LAKATOS, B. **31**, 357
- HEYROVSKÝ, J.
 — electrodes for polarography, **9**, 3
 — general remarks on oscillographic polarography, **9**, 73
- HIDEg-HANKOVSKY, O.
 — see HIDEg, K. **50**, 403
- HIDEg, K.
 — benzazepines, (I) **50**, 403
 — benzazoles, (I) **43**, 263; (III) **49**, 303
 — preparation of N-(ω -aminoalkyl)-isoindolines, **43**, 141
 — ω -substituted N-alkyl-phthalimide derivatives, **39**, 391
 — see HANKOVSKY, H. O. **47**, 199

- HIDVÉGI, J.
— see ERDEY-GRÚZ, T. **19**, 89
— see ERDEY-GRÚZ, T. **19**, 363
- HÍRES, J.
— see HORVÁTH, J. **38**, 151
- HLINYÁNSZKY, L.
— structure and mechanical properties of lubricating greases, **36**, 403
- HODOSSY, L.
— see KÁROLYI, J. **24**, 157
- HOFMANN, M.
— gas chromatography of higher alcohols and paraffines, **27**, 239
- HOHMANN, J.
— see JURCSIK, I. **35**, 225
- HOLDERITH, J.
— see LENGYEL, S. **40**, 125
- HOLLÓ, J.
— biosynthesis of starch, (VII) **50**, 351
— vapor-liquid equilibrium of quaternary system, **13**, 307
- HOLLÓS-ROKOSINYI, E.
— see PUNGOR, E. **27**, 63
— see PUNGOR, E. **27**, 435
— see SCHULEK, E. **49**, 339
- HOLLY, S.
— see CSÜRÖS, Z. **29**, 351
— see CSÜRÖS, Z. **29**, 419
— see TÜDÖS, F. **33**, 433
— see TÉTÉNYI, P. **40**, 145
— see VARSÁNYI, GY. **41**, 309
— see VARSÁNYI, GY. **43**, 205
- HOLZBECHER, Z.
— fluorometry of scandium, gallium and zirconium, **27**, 413
- HORÁK, F.
— separation of aromatic aldehydes, **13**, 103
- HORÁK, V.
— preparation of tetrahydro-1,4-thiapyrones, **21**, 97
- HORÁNYI, GY.
— see BEREZ, E. **29**, 75
— see BEREZ, E. **29**, 157
— see BEREZ, E. **29**, 297
— see ERDEY-GRÚZ, T. **30**, 29
— see ERDEY-GRÚZ, T. **30**, 431
— see ERDEY-GRÚZ, T. **32**, 363
— see NAGY, F. **34**, 35
— see ERDEY-GRÚZ, T. **35**, 265
— see ERDEY-GRÚZ, T. **37**, 251
— see NAGY, F. **37**, 295
— see NAGY, F. **49**, 243
- HORN, G.
— physico-chemistry of N-oxides, (I) **27**, 123; (II) **33**, 287
- HORVÁTH, A.
— see NÁDASY, M. **32**, 377
- HORVÁTH, E.
— see KISS, Á. **15**, 151
- see CSÁSZÁR, J. **22**, 107
— see CSÁSZÁR, J. **24**, 259
- HORVÁTH, G.
— electronic spectra of five-membered heterocycles, **41**, 321
— see KISS, Á. I. **39**, 39
— see KISS, Á. I. **42**, 15
- HORVÁTH, GY.
— see CSÁNYI, L. J. **34**, 1
- HORVÁTH, J.
— electrochemical studies of copper corrosion, (I) **34**, 455
— mechanism of anaerobic, microbiological corrosion, (I) **25**, 65; (II) **33**, 221
— potential and current requirements of cathodic protection, **38**, 151
— see BÁNKÖVI, GY. **31**, 23
— see STEINGASZNER, P. **31**, 195
- HORVÁTH, I. P.
— see JÁMBOR, B. **39**, 411
- HORVÁTH, T.
— synthesis of isonicotinic hydrazide, **14**, 197
— see VARGHA, L. **5**, 111
— see VARGHA, L. **25**, 361
- HORVÁTH, ZS.
— see KÖRMENDY, K. **4**, 5
- HORVÁTHY, V.
— see ERDEY-GRÚZ, T. **1**, 5
- HOSCHKE, Á.
— see HOLLÓ, J. **50**, 351
- HOSSZÁNG, G.
— see OLÁH, GY. **8**, 41
- HOSTE, J.
— see DAMS, R. **50**, 111
- HOYER, E.
— solubility of ethylenediaminetetraacetic acid, **30**, 109
- HÖRHAMMER, L.
— isolation and synthesis of luteolin-7-glucoside, **40**, 463
— total synthesis of physcionine, **40**, 309
- HRADIL, M.
— see BRAUN, T. **46**, 35
- HUGOT, G.
— see BOIRIE, C. **33**, 281
- HUHN, P.
— see BECK, M. T. **20**, 285
- HULANICKI, A.
— potentiometric titration of metals, **27**, 41
- HUN, GY. B.
— see TÖRÖK, F. **47**, 329
- HUPKA, GY.
— see LÁSZLÓ, A. **42**, 397
- HUSÁK, R.
— see HAVIR, J. **50**, 39
- HUSZÁR, J.
— see LÉGRÁDI, L. **47**, 115

- HUSZÁR, M.
— see POGÁNY, L. **42**, 161
- HÜCKEL, W.
— analysis of constellation, **18**, 27
- ILEA, M.
— see GRIGORIU, D. **36**, 313
— see GRIGORIU, D. **36**, 331
- ILLÉS, V.
— see SZEPESY, L. **35**, 37
— see SZEPESY, L. **35**, 53
— see SZEPESY, L. **35**, 245
— see SZEPESY, L. **35**, 433
— see SZEPESY, L. **37**, 71
— see SZEPESY, L. **42**, 53
- ILLY, H.
— see KISS, I. **47**, 379
- IMRE, L.
— nuclear chemical significance of absolute radioactive measurements, (II) **50**, 245
— see NEUGEBAUER, J. **34**, 469
— see HÖRHAMMER, L. **40**, 309
— see GADÓ, P. **46**, 165
- INCZÉDY, J.
— determination of diethyl malonate in non aqueous solutions, **31**, 347
— redox reactions on ion exchange columns, (II) **27**, 185
— separation of rare earth metals by ion exchange chromatography, (I) **43**, 1; (II) **43**, 9
— use of ammonium sulphosalicylate in ion exchange chromatography, (I) **50**, 105
— see ERDEY, L. **4**, 289
— see ERDEY, L. **7**, 93
— see ERDEY, L. **11**, 125
— see ERDEY, L. **17**, 93
- INSTITORIS, L.
— see JÁMBOR, B. **39**, 411
- INZELT-GERBER, E.
— measurement of isotopes, **49**, 29
— measurement of ionic mobilities by radioactive labelling, **35**, 407
- IOAN, V.
— see NEUTZESCU, C. D. **12**, 195
- IRING, M.
— polymerization of styrene, (I) **35**, 281; (II) **37**, 419; (III) **37**, 453
- ISSEKUTZ-KÜTTTEL, L.
— see NÁDOR, K. **3**, 71
- IVANOFF, CHR.
— see IVANOFF, D. **14**, 163
- IVANOFF, D.
— determination of essential oil contents, **14**, 163
- IVANOV, S.
— see SHOPOV, D. **36**, 371
- IVANOV, V. T.
— see OVCHINNIKOV, YU. V. **44**, 211
- IVÁNOVICS, G.
— see TOLDY, L. **4**, 303
— see VARGHA, L. **4**, 345
— see NÓGRÁDI, T. **6**, 287
- JACQUOT, R.
— see RAULIN, J. **23**, 227
— see RAULIN, J. **23**, 235
- JAIN, D. S.
— polarographic study of manganous ions, **42**, 7
— reduction of metal complexes of 1,2-diaminocyclohexane tetraacetic acid, **49**, 217
— simultaneous polarography of thallium and indium, **43**, 201
- JÁKLI, G.
— see KISS, I. **47**, 379
- JAKOL, K.
— see BÁNKÖVI, GY. **31**, 23
- JAKOWLEW, JU. W.
— see OTVINOWSKI, W. **26**, 243
- JÁMBOR, B.
— effect of boric acid on polarogram of D-glucosazone, **9**, 493
— polarographic analysis of sugar tetrazolium derivatives and sugar formazanes, **6**, 263
— polarographic catalytic wave of riboflavin, **48**, 89
— polarographic investigation of ... triphenyltetrazolium chloride, **15**, 27
— polarography of ditetrazolium salts, **10**, 27
— polarography of glucosazones, **9**, 485
— polarography of mannitol derivatives, **39**, 411
— polarography of triphenyltetrazolium chloride, **4**, 55
— reversibility of redox system, **13**, 293
— see BAUMANN, M. **9**, 319
- JANDA, J.
— direct oxidation of ethylene to ethylene oxide, **36**, 125
- JANICKI, J.
— germicidal effect of ultraviolet rays, **23**, 483
- JANKOVITS, L.
— analytical use of polyphosphoric acids, **8**, 355
— determination of calcium in alumina, **7**, 155
— determination of calcium, with use of iodanylic hemiether, **10**, 99
— titration of calcium, **15**, 163
— volumetric determination of iron(III) ions, **11**, 185
— see ERDEY, L. **3**, 57
— see ERDEY, L. **4**, 235
— see ERDEY, L. **4**, 245

- JANS, V.
— analytical method for physical changes in foods, **23**, 603
- JARABIN, Z.
— role of routinism in analytical chemistry, (III) **26**, 325
— see VAJDA-BRAUN, M. **27**, 441
- JASCHIK, S.
— see LINDNER, K. **11**, 151
- JASKÓLSKA, H.
— determination of gallium and indium, by neutron activation method, **32**, 9
- JÁSZ, Á.
— application of radioactive tracer method on ion-exchange equilibria, (I) **30**, 49; (II) **27**, 247; (III) **27**, 253; (IV) **33**, 395; (VIII) **40**, 167
— see LENGYEL, T. **34**, 19
- JAXA-BYKOWSKA, E.
— spectrography of cathode nickel, (II) **30**, 335
- JAXA-BYKOWSKI, W.
— spectrography of cathode nickel, (I) **30**, 329
— see JAXA-BYKOWSKA, E. **30**, 335
- JELENIČS, K.
— essential amino acid content of biochemical by-product, **31**, 367
- JELLINEK, O.
— see BOGNÁR, J. **10**, 125
— see BOGNÁR, J. **17**, 17
— see BOGNÁR, J. **29**, 21
— see BOGNÁR, J. **29**, 131
- JELLINEK, O.
— see BOGNÁR, J. **29**, 139
— see BOGNÁR, J. **29**, 251
— see BOGNÁR, J. **29**, 261
— see BOGNÁR, J. **35**, 13
— see BOGNÁR, J. **35**, 23
- JENEI, S.
— see CSÁKVÁRI, B. **39**, 33
— see CSÁKVÁRI, B. **45**, 31
- JESENÁK, V.
— theoretical problems of radiometric titration, **32**, 397
— see BRAUN, T. **46**, 35
- JOHNSON, R. E.
— see KAUNITZ, H. **23**, 189
- JÓKAY, L.
— see BITE, P. **34**, 363
- JOKL, J.
— *o*-, *m*-, *p*-xylene and ethylbenzene mixture analysis with ultraviolet spectrophotometry, **33**, 17
- JÓNÁS, K.
— polarography of selenium(IV), **25**, 379
— see NÁDASY, M. **34**, 339
- JORDANOV, N.
— isolation of rare earth elements, **34**, 151
- JOSEPOVITS, Gy.
— changes in shape of polarograms, **9**, 397
— evaluation of superposed polarograms, **14**, 211
- JUHÁSZ, E.
— amperometric titration with alternating current, **9**, 145
- JUHÁSZ, K.
— see CSÜRÖS, Z. **19**, 65
- JUHÁSZ, S.
— see JURCSIK, I. **35**, 225
- JURCSIK, I.
— fixation of radioactive elements, **35**, 225
— see KISS, J. **5**, 477
— see UPOR, E. **37**, 1
- JUREČEK, M.
— quantitative, organic microelementary analysis, **26**, 395
- JUVET, R. S.
— see PURNELL, J. H. **50**, 201
- KABATCHNIK, M. I.
— constant of tautomeric equilibrium, **18**, 407
- KACHAŇÁK, S.
— see GREGOR, M. **18**, 181
- KÁDÁR-PAUNČZ, J.
— polarographic behaviour of griseofulvin and trichothecin, **35**, 297
- KAJTÁR, J.
— see MEDZIHRADESKY-SCHWEIGER, H. **42**, 317
- KAJTÁR, M.
— constitution of polyglutamic acid, **43**, 161
— see BRUCKNER, V. **6**, 219
— see BRUCKNER, V. **21**, 417
— see MEDZIHRADESKY, K. **30**, 105
- KAJTÁR, M. T.
— see SZEKERKE, M. **47**, 231
- KALAMÁR, J.
— see HORÁK, F. **13**, 103
- KALAUS, Gy.
— see SZÁNTAY, Cs. **49**, 427
- KÁLLAY, F.
— oxidation of furfural, **10**, 157
— see FODOR, G. **15**, 315
- KALLÓ, D.
— kinetics of isomerisation of *n*-butene, **39**, 183
— see FEJES, P. **39**, 213
- KÁLMÁN, A.
— unit cell and space group of crotonic and crotonol, **37**, 313
— see NÁRAY-SZABÓ, I. **34**, 203
— see PÉTER, É. **41**, 413
- KÁLMÁN, L.
— see ERDEY, L. **6**, 173

- KALOUS, V.
— use of polarographic protein reaction, **9**, 301
- KALVODA, R.
— application of oscillographic polarography, **32**, 293
— quantitative oscillographic analysis, **9**, 93
- KANDEL, I.
— see KOVÁCS, J. **1**, 230
— see BRUCKNER, V. **7**, 223
— see BRUCKNER, V. **21**, 105
- KANDEL, M.
— see BRUCKNER, V. **21**, 105
- KÁNTOR, E.
— see VÁMOS, E. **31**, 257
- KÁNTOR, T.
— tube-electrode method for spectrography of metal powders, **48**, 209
- KAPITAŃCZYK, K.
— Me^{2+} -gelatin-potassiumhydroxid system for analytical utilisation, **31**, 315
- KÁPLÁR, L.
— see ERDEY, L. **3**, 315
- KAPOOR, R. C.
— polarography of complex formation between iron and thiomalic acid, **38**, 295
- KAPOOR, U.
— see KAPOOR, R. C. **38**, 295
- KAPOSI, O.
— see ERDEY-GRÚZ, T. **31**, 385
— see TAMÁS, J. **48**, 309
- KAPOVITS, I.
— synthesis of ethyl 2-carboxylate of 1,4-dibromobutane and 1,5-dibromopentane, **34**, 79
— see KUCSMAN, Á. **34**, 71
— see KUCSMAN, Á. **34**, 87
— see KUCSMAN, Á. **40**, 75
— see KUCSMAN, Á. **50**, 325
- KAPUSTINSKY, A. F.
— heat capacity of ions in aqueous solution, **15**, 351
— law of multiple proportion and ionic radii, **15**, 217
— thermochemistry of inorganic compounds, **18**, 313
- KARCZAG, A.
— see KOVÁCS, J. **16**, 141
— see BRUCKNER, V. **22**, 443
- KARLINSZKY, L.
— propylene oligomers, **40**, 445
- KÁROLYI, J.
— production of fatty alcohols, (II) **24**, 157
— see HAIDEgger, E. **19**, 23
- KARSAI, A.
— see ERDEY, L. **9**, 43
— see ERDEY, L. **11**, 171
- KÁSA, I.
— determination of semicarbazide, **39**, 21
— see ERDEY, L. **26**, 53
— see ERDEY, L. **41**, 59
— see ERDEY, L. **45**, 95
- KASZTREINER, E.
— preparation of methadone analogues containing xanthene skeleton, (I) **32**, 473; (II) **38**, 137
— see KRAUT, M. **15**, 19
— see VARGA, L. **19**, 295
- KAUFMAN, H.
— hydrotreating of pyrolysis gasoline, **36**, 131
— L-forming plant in VEB Leuna-Werke, **36**, 255
- KAUNITZ, H.
— influence of autoxidized lard and cottonseed oil on rats, **23**, 189
- KÁVAI, M.
— see ALMÁSSY, GY. **12**, 155
- KEGLEVICH, L.
— probability distribution, **19**, 469
— unit cell and space group of $\text{SrS}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$, **17**, 119
- KEIL, G.
— batchwise manufacture of lubricating greases, **28**, 413
— production of insulating oils from naphthenic crudes, **36**, 359
— production of lubricants from aromatic crudes, **36**, 351
— testing of lubricating grease in grease tester Kugler-Fischer constructed by Spengler, **28**, 431
— see BOECK, E. **36**, 391
- KEIPERT, M.
— see CSÚRÖS, Z. **1**, 22
- KÉKEDY, L.
— see MUZSNAY, Cs. **27**, 21
- KELEMEN, I. B.
— separation of metal ions using paper chromatography, **27**, 261
- KELEN, T.
— term splitting in electrostatic complexes, **14**, 255
- KEMULA, W.
— chromatopolarography of nitroalkanes, (II) **27**, 137
— polarography of ferrites, **27**, 133
- KENÉZ, M.
— see ZOMBORY, L. **4**, 181
- KENNER, G. W.
— see ANDERSON, J. C. **44**, 187
- KEREKES-CsÉTI, S.
— development of spectrum analytical addition-method, **35**, 377
— fundamental equation of quantitative spectral analysis, **41**, 281

- KERÉNYI, E.
— composition of Hungarian petroleum, **31**, 113
- KERÉNYI, I.
— see BOLDIZSÁR, I. **5**, 121
- KERESZTÉLY, Z.
— see CSÜRÖS, Z. **16**, 91
- KERESZTES-HAMAR, V.
— see KÖRÖSI, E. **41**, 171
- KERTÉSZ, D.
— pH-dependent ion-permselective membranes, **50**, 193
- KESZTHELYI, S.
— see VAMOS, E. **31**, 267
- KEVEI, E.
— polarography of riboflavin and thiamin, **6**, 345
— see SPANYÁR, P. **9**, 295
— see SPANYÁR, P. **11**, 137
— see SPANYÁR, P. **11**, 329
- KHALIFA, H.
— determination of silver, **41**, 187
- KHATTAB, S. A.
— behaviour of organic sulphur compounds under condition of oxo synthesis, **40**, 471
— see BENCZE, P. **42**, 173
- KICIAK, S.
— see KAPITAŃCZYK, K. **31**, 315
- KIEFFER, R.
— see NOWOTNY, H. **18**, 35
- KIRÁLY, D.
— see LAKATOS, B. **17**, 125
— see LAKATOS, B. **17**, 151
— see SZABÓ, Z. G. **17**, 393
- KIRÁLY, J.
— adsorption of oxygen on 1,1-diphenyl-2-picryl hydrazyl, **29**, 409
— see SCHAY, G. **11**, 381
— see TÉTÉNYI, P. **29**, 35
- KIRST, H.
— see GEYER, R. **30**, 295
- KIS, J.
— see PROSZT, J. **9**, 191
- KISBÁN, K.
— see JÁMBOR, B. **9**, 493
- KISFALUDY, L.
— preparation of *p*-chloro-carbobenzoxaminoacids and peptides, (I) **24**, 301; (II) **24**, 309
— synthesis of heptapeptide derivative, **30**, 473
— use of *p*-chlorobenzyl esters in peptide synthesis, **44**, 33
— see ZEMPLÉN, G. **4**, 79
— see MEDZIHRADESKY, K. **30**, 105
— see BAJUSZ, S. **30**, 239
— see LÓW, M. **44**, 61
— see OROSZ, F. **49**, 291
- KISIELOW, W.
— composition of polish crudes, **37**, 163
— correlation between density and flash point of hydrocarbons and petroleum fractions, **18**, 189
- KISS, A.
— extraction of titanium, **44**, 357
— reactions of tungsten, molybdenum and their oxides, (I) **44**, 241; (II) **44**, 253; (III) **45**, 1; (IV) **45**, 267; (V) **48**, 279
— see NEUGEBAUER, J. **44**, 241
- KISS, Á.
— absorption of chelate complexes, (I) **14**, 141; (II) **13**, 49
— influence of steric hindrance on light absorption, (I) **10**, 207
— light absorption mechanism of cyano-complexes, **14**, 225
— light absorption of cobalt complexes, **12**, 73
— light absorption of complex compounds, (I) **17**, 225
— light absorption of cyano complexes of transition metals, **40**, 397
— light absorption of linearly condensed aromatic compounds, (I) **8**, 345; (II) **11**, 85; (III) **11**, 99
— light absorption of 2,2-dipyridyl complexes, **38**, 421
— light absorption of *o*-phenanthroline complexes, **38**, 405
— light absorption of Ni(II) complexes, **15**, 151
— mechanism of light absorption of complexes, **10**, 373
— mechanism of light absorption of hydrated atom ions, **10**, 39
— theory of light absorption of complexes, **11**, 113
- KISS, Á. I.
— action of elements on light absorption of organic compounds, (I) **7**, 373; (II) **7**, 385
— electronic spectra of disubstituted benzene derivatives, **42**, 15
— light absorption of benzene, **39**, 39
— light absorption of cyclic systems containing hetero atoms, **11**, 365
— light absorption of quinoline derivatives, **5**, 1
— ultraviolet absorption spectra of selenonaphthene, selenindigo and 3-oxyselenonaphthene, **11**, 57
— ultraviolet light absorption of diphenylmethane type compounds, **24**, 231
— ultraviolet light absorption of monosubstituted benzene, **22**, 397
— see HORVÁTH, G. **41**, 321
- KISS, I.
— vapour pressure of solid D₂O **47**, 379
— see KÓSA-SOMOGYI, I. **33**, 143
— see RÓDER, M. **47**, 157

- KISS J.
 — note on preparation of α,β -diphenyl- β -hydroxyethylamines, **2**, 61
 — reducing decomposition of oxo-mono-phenylhydrazones derivatives, **2**, 199
 — stereochemistry of tetralin ring, **5**, 365
 — synthesis and stereochemistry of sphingosine, (IX) **5**, 341; (XIV) **5**, 477
 — see FODOR, G. **1**, 130
 — see FODOR, G. **1**, 385
- KISS, L.
 — see BALOG, J. **33**, 77
 — see CSÁSZÁR, J. **33**, 399
 — see BALLÓ, R. **43**, 179
- KISS, P.
 — paper chromatography of steroids, **14**, 295
- KISS, Z.
 — see TUZSON, P. **12**, 31
 — see BECK, M. T. **42**, 321
- KISZEL, M.
 — see KEVEI, E. **6**, 345
 — see SPANYÁR, P. **9**, 295
 — see SPANYÁR, P. **11**, 137
 — see SPANYÁR, P. **11**, 329
 — see BALLA, F. **24**, 437
 — see BALLA, F. **35**, 119
- KLARE, H.
 — fibres formation of regenerated cellulose, **18**, 205
- KLASINC, L.
 — see RANDIÓ, M. **50**, 287
- KLATSMÁNYI-GÁBOR, P.
 — oxidation of thiourea derivatives, (I) **40**, 99
- KLATSMÁNYI, P.
 — see ERDEY, L. **26**, 53
- KLEBANSKY, A. L.
 — model compounds of synthetic rubber structure, **21**, 41
- KLEINERT, P.
 — anomalous valences in highly ignited ferrites, **31**, 339
- KLIMKE, R.
 — bitumen from Romashkino crude, **36**, 447
- KLIVÉNYI, É.
 — see VINKLER, E. **16**, 247
- KLIVÉNYI, F.
 — reduction of sulphochlorides to thio-sulphonates, **46**, 357
 — structure of aromatic esters of thio-sulphonic acid, (II) **6**, 373
 — see VINKLER, E. **1**, 319
 — see VINKLER, E. **4**, 271
 — see VINKLER, E. **5**, 159
 — see VINKLER, E. **7**, 307
 — see VINKLER, E. **11**, 15
 — see VINKLER, E. **15**, 385
- see VINKLER, E. **16**, 247
 — see VINKLER, E. **22**, 345
 — see VINKLER, E. **30**, 233
- KL'ÚČOVSKÝ, P.
 — problems of production of epichlorohydrine, **36**, 145
- KLUG, O. N.
 — determination of small amounts of chromium, **49**, 123
 — see BELLOMO, A. **41**, 365
- KNAPPE, E.
 — complexometry of urine, **18**, 85
- KNAUSZ, D.
 — see CSÁKVÁRI, B. **45**, 31
- KNIESCHE, W.
 — see DUNKEN, H. **33**, 67
- KNIGHT, H. B.
 — see KAUNITZ, H. **23**, 189
- KNÍZEK, J.
 — see JOKL, J. **33**, 17
- KNOBLOCH, E.
 — polarography of chloramphenicol, **9**, 471
- KNORRE, D. G.
 — peptide synthesis in aqueous solution, **44**, 77
- KÓBOR, J.
 — see KISS, J. **5**, 365
- KOCSIS, E.
 — applicability of spraying devices in spectrometers, **39**, 301
 — see ERDEY, L. **7**, 373
 — see ERDEY, L. **11**, 277
 — see ERDEY, L. **39**, 313
 — see KÁNTOR, T. **48**, 209
- KOCSIS, É.
 — see VARGA, J. **14**, 125
 — see VARGA, J. **14**, 133
- KOCZKA, K.
 — configurative stability of nitrogen atom, **33**, 165
 — steric structure of 14-hydroxycodeinone and 14-hydroxy-dihydrocodeinone, **33**, 173
 — synthesis of oxazolidine derivatives, (I) **13**, 83; (II) **13**, 89
 — see FODOR, G. **1**, 377
 — see BERNÁTH, G. **31**, 443
- KOCZKA, I.
 — see TOLDY, L. **4**, 303
 — see VARGHA, L. **4**, 345
 — see NÓGRÁDI, T. **6**, 287
- KOHLSTRUNG, G.
 — see KLIMKE, R. **36**, 447
- KOLLÁR, GY.
 — see PROSZT, J. **8**, 171
- KOLLONITSCH, J.
 — investigation of chloramphenicols, (I) **5**, 13; (II) **6**, 381; (III) **8**, 271

- see GERECS, Á. 1, 281
- see GÁBOR, V. 10, 239
- see HAJÓS, A. 15, 175
- see HAJÓS, A. 16, 461
- see HAJÓS, A. 17, 449
- KOLONITS, P.
 - see BEKE, D. 35, 205
- KOLPAKOVA, I. D.
 - see LASTOVSKII, R. P. 32, 229
- KOMPOLTHY, T.
 - see KUNZ, A. 33, 463
- KONCZ-DÉRI, M.
 - see DÉRI, M.
- KONEČNÝ, J.
 - see BRAUN, T. 49, 131
- KONKOLY THEGE, I.
 - spectrophotometry of dyes, 27, 417
 - see SCHULEK, E. 7, 149
 - see PUNGOR, E. 8, 49
 - see PUNGOR, E. 11, 23
 - see PUNGOR, E. 13, 1
 - see PUNGOR, E. 13, 39
 - see PUNGOR, E. 13, 235
 - see PUNGOR, E. 17, 113
 - see PUNGOR, E. 28, 125
 - see PUNGOR, E. 28, 133
- KONOPIK, N.
 - polarographic determination of germanium, 34, 157
- KÓNYA, A.
 - see GERECS, Á. 30, 95
- KOOS, R. E.
 - see KAUNITZ, C. A. 23, 189
- KORACH, M.
 - behaviour of silicon carbide in burning space, 35, 321
 - investigation on ceramic chromatography, 37, 261
 - principles of flow engineering, (I) 50, 457
 - scale effect in chemical engineering, 20, 345
- KORÁNYI, Gy.
 - contact boundary angle of water, 24, 333
 - heat of immersion of calcium alkali silicate, 30, 445
 - silver ion sorption properties of glass surfaces, 39, 415
- KORBONITS, D.
 - see BEKE, D. 13, 377
 - see BEKE, D. 16, 439
 - see BEKE, D. 19, 259
 - see BEKE, D. 19, 267
 - see BEKE, D. 20, 407
- KORONDÁN, I.
 - analytical application of parafuchsine hexaacetic acid, 26, 335
 - supposed complex forming property of parafuchsine hexaacetic acid, 41, 43
- see GERGELY, A. 26, 313
- KORPÁCZY, I.
 - see LINDNER, K. 11, 151
- KORYTA, J.
 - polarography of complex compounds, 9, 363
- KÓSA-SOMOGYI, I.
 - electrode processes in irradiated aqueous solutions, 35, 85
 - pH dependence of radiolytic processes, 33, 143
- KOSZTERSZITZ, Gy.
 - see TURCSÁNYI, B. 50, 293
- KÓTÁI, A.
 - basic polypeptide derivatives, (II) 21, 461
 - see BRUCKNER, V. 5, 267
 - see KOVÁCS, K. 5, 313
 - see BRUCKNER, V. 21, 427
 - see KOVÁCS, K. 21, 453
- KOTSEV, N.
 - see SHOPOV, D. 37, 137
- KOTSIS, E.
 - see ALMÁSSY, Gy. 32, 255
 - see ALMÁSSY, Gy. 33, 187
- KOTSIS, T.
 - see PAPP, E. 28, 29
 - see ALMÁSSY, Gy. 33, 187
- KOTZULLA, R.
 - see RIEDEL, H. G. 36, 183
- KOUŘIM, V.
 - see LAVRUKHINA, A. K. 33, 309
- KOVÁCS, E.
 - see ALMÁSSY, Gy. 8, 1
- KOVÁCS, G.
 - see HARDY, Gy. 43, 121
- KOVÁCS, J.
 - addition of maleic anhydride to benzalazine, 1, 230
 - intramolecular transpeptidation of N-acetylated glutamyl peptides, (I) 6, 183
 - trans-trans spatial structure of propenylphenolethers, 16, 141
 - see BRUCKNER, V. 5, 267
 - see BRUCKNER, V. 6, 209
 - see BRUCKNER, V. 6, 219
 - see BRUCKNER, V. 7, 223
 - see BRUCKNER, V. 12, 363
- KOVÁCS, K.
 - basic polypeptide derivatives, (I) 21, 453
 - direct amine-substitution in pyridine ring systems, 29, 245
 - direct substitution of pyridine ring, 21, 445
 - peptides and derivatives of special amino acids, (I) 50, 361
 - preparation of poly-L-tyrosine, 5, 313
 - see BRUCKNER, V. 3, 361
 - see BRUCKNER, V. 5, 267

- see BRUCKNER, V. 21, 409
- see BRUCKNER, V. 21, 427
- see KÓTAI, A. 21, 461
- KOVÁCS, L.
 - see ERDEY, L. 45, 95
- KOVÁCS, M.
 - selective extraction of diphenols, 21, 277
- KOVÁCS, Ö.
 - chemistry of 1,3-diols, (IV) 48, 147
 - synthesis of scopolamine, 15, 95
 - synthesis of steroids, (I) 48, 129; (VI) 48, 241
 - see FODOR, G. 1, 149
 - see FODOR, G. 1, 395
 - see SHUIKIN, N. I. 38, 115
- KOVÁTS, J.
 - see NYILASI, J. 2, 147
 - see BRUCKNER, V. 3, 361
- KOVÁTS, Z.
 - biuret test of proteins, (V) 7, 411; (VII) 15, 9
 - oxidation of alkaline glycine solutions, 22, 313
 - oxidizing action of copper(III)-periodate complex, 21, 247
 - see NYILASI, J. 2, 147
 - see NYILASI, J. 2, 451
 - see NYILASI, J. 3, 273
 - see NYILASI, J. 4, 11
- KOVATSITS, M.
 - see NÁDOR, K. 2, 153
- KOZLOV, V. V.
 - light sensitivity of nitroselenium organic compounds, 12, 189
- KÖNNECKE, H. G.
 - see LEIBNITZ, E. 36, 27
- KÖNIG, P.
 - see CsÜRÖS, Z. 17, 419
- KÖNIG, R.
 - investigation of furan, 3, 157
- KÖRMENDY, K.
 - chemical properties of heterocyclic spiro compounds, (I) 39, 93; (II) 39, 109; (IV) 44, 327
 - preparation of N-alkylated diacridylum salts, 21, 83
 - syntheses of polyamines, (I) 17, 255; (II) 32, 121
 - synthesis of spermin, 4, 5
 - with alkali formed product of N-bromo-alkyl phthalimide, (I) 32, 115; (II) 40, 333
 - see BRUCKNER, V. 22, 443
 - see SOHÁR, P. 39, 453
 - see SOHÁR, P. 45, 333
- KÖRÖS, E.
 - effect of solvent in isotopic exchange reaction, 26, 187
 - isotopic exchange of iodine atoms, 41, 171
 - see SCHULEK, E. 3, 111
- see SCHULEK, E. 3, 125
- see SCHULEK, E. 3, 281
- see SCHULEK, E. 3, 289
- see SCHULEK, E. 3, 301
- see SCHULEK, E. 10, 291
- see SCHULEK, E. 21, 67
- KÖRÖS, Z.
 - alkaline hydrolysis of gelatine, 3, 267
- KÖRÖSI, J.
 - see BEKE, D. 11, 309
- KÖRÖSY, F.
 - blue derivatives of carotenoids, 15, 35
 - paramagnetic momentum of copper and silver formates, 13, 107
 - see KERTÉSZ, D. 50, 193
- KŐSZEGI, D.
 - iodometry of acetate and acetyl group, 5, 33
 - titrimetric microdetermination of ammonia, 7, 333
 - volumetric analysis of theobromine and theophylline, 1, 124
- KŐVÁRI, I.
 - see KOVÁCS, Ö. K. J. 48, 147
- KRAFFT, O.
 - see MRÁZ, V. 36, 269
- KRAFT, G.
 - application of polarized electrodes, 50, 43
- KRÁLIK, I.
 - see RUSZNÁK, I. 9, 49
 - see RUSZNÁK, I. 9, 59
- KRALL, G.
 - see CIUHANDU, G. 28, 171
- KRASZNAI, E.
 - see GÁL, GY. 15, 211
 - see GÁL, GY. 16, 279
 - see GÁL, GY. 16, 369
 - see GÁL, GY. 17, 171
- KRASZNAY, I.
 - see MESSMER, A. 28, 399
- KRAUSZ, I.
 - microanalytical application of mercury thiocyanate, (I) 26, 129
- KRAUT, M.
 - syntheses of antihistamines, (I) 15, 19
 - see KOLLONITSCH, J. 5, 13
 - see KOLLONITSCH, J. 6, 381
 - see VARGHA, L. 8, 303
 - see TOLDY, L. 15, 265
- KRAVTSOV, V. I.
 - kinetics of electrode processes, 18, 321
- KRAWCZYK, I.
 - separation of uranium and rare-earth elements on ion exchange resins, 27, 269
- KREJČÍ, E.
 - spectrographic determination of gold in liquids, 38, 103
- KREMMER, T.
 - see KUCSMAN, Á. 34, 75

- KREPUSKA, J.
— see TETTAMANTI, K. **50**, 145
- KREYNGOL'D, S. U.
— see BOZHEVOL'NOV, E. A. **32**, 199
- KRIVÁŇ, V.
— see TÖLGYESSY, J. **26**, 273
- KRIX, N.
— see SOLYMOŠI, F. **34**, 241
- KUBIČKA, R.
— see MRÁZ, V. **36**, 269
- KUBLIK, Z.
— mercury electrodes in water analysis, **27**, 79
- KUCSMAN, Á.
— Arndt-Eistert chain-lengthening of thioether carboxylic acids, **34**, 75
— IR absorption of N-acyl sulphyllimines, **40**, 75
— preparation of 2- and 3-carboxylate of tetrahydrothiopyrane, **34**, 87
— structure of optically active sulphur compounds, **3**, 47
— synthesis of symmetrical thiodibenzoic acids, **34**, 71
— UV spectroscopy of N-acyl-sulphyllimine, **50**, 325
— see KAPOVITS, I. **34**, 79
- KUGLER, E.
— see ERDEY-GRÚZ, T. **13**, 429
— see ERDEY-GRÚZ, T. **19**, 89
— see ERDEY-GRÚZ, T. **19**, 363
— see ERDEY-GRÚZ, T. **37**, 393
- KUHN, I.
— see OLÁH, GY. **7**, 65
— see OLÁH, GY. **7**, 71
— see OLÁH, GY. **7**, 85
— see OLÁH, GY. **7**, 431
— see OLÁH, GY. **8**, 157
— see OLÁH, GY. **10**, 233
- KULCSÁR, M.
— spectrum analysis by scattering, (IV) **28**, 75
- KUMAR, A. N.
— physico-chemical studies of system palladium-thiosalicylic acid, **48**, 219
- KUNZ, A.
— nitration by acid mixtures, (I) **13**, 385; (II) **20**, 275; (III) **20**, 393; (IV) **33**, 463
- KUNZ, G.
— see BOECK, E. **36**, 391
- KURTEV, B. J.
— preparation of esters of α , β -diaryl- β -aminopropionic acids, **18**, 429
- KUSZMANN, J.
— see VARGHA, L. **25**, 361
- KŰTA, J.
— effect of electrolytes on reduction of oxalic acid, **9**, 119
- KUTASSY, S.
— see MEDZIHRADESKY-SCHWEIGER, H. **41**, 265
- KUZIEL, A.
— see TASCHNER, E. **44**, 11
— see VAJDA, T. **44**, 45
— see TASCHNER, E. **44**, 67
- KUZMINSKY, A. SZ.
— chemical conversions of polymers, **18**, 333
- KŰRTHY, J.
— apparatus for transferring pulverulent substances on filament electrodes, **43**, 195
— see HEGEDŰS, A. J. **42**, 305
- LÁBODY, I.
— see DÉVAY, J. **42**, 191
— see DÉVAY, J. **42**, 207
- ŁADA, Z.
— water determination in organic fluids, **28**, 217
- LADÁNYI, L.
— analytical uses of halogen cyanides, **38**, 97
— titrimetric determination of cyanogen chloride, **41**, 105
— see KÖRÖS, E. **26**, 187
— see SCHULEK, E. **31**, 331
— see KÖRÖS, E. **41**, 171
— see SCHULEK, E. **47**, 129
- LADIK, J.
— acylation by methane sulphonyl (mesyl) group, (II) **5**, 299
— electronic structure of 1-benzene-azo-N-phenyl-2-naphthylamine chelate, (I) **38**, 393
— electronic structure of catalytically active solids, **47**, 263
— synthesis and reactivity of azido compounds, (V) **34**, 7
— see VARSÁNYI, GY. **3**, 323
— see SCHWARTZ, J. **3**, 305
— see BICZÓ, G. **46**, 195
- LAKATOS, B.
— calculation of bond polarity, **39**, 53
— formation of transition metal complexes with pseudo-aromatic inorganic ligands, (I) **31**, 357
— degree of polarity of chemical bonds, (II) **20**, 1; (III) **20**, 115; (IV) **21**, 293
— investigation on apparent volume of solid phase of centrifuged precipitates, (II) **7**, 259
— periodic function, (III) **17**, 125; (IV) **17**, 151
— periodicity of thermodynamic properties, **8**, 207
— see SZABÓ, Z. G. **4**, 129
— see TÓTH, A. **16**, 251

- LAKY, J.
— hydrogenation of aldehyds, **46**, 247
— see FRÉUND, M. **31**, 77
- LAKITS, M.
— see BALLÓ, R. **39**, 253
- LALITHA, J.
— see MUHAMMAD, S. S. **22**, 455
- LAMM, GY.
— polarography of serum proteins and liver in liver lesions, **9**, 311
- LANDA, S.
— derivatives and homologues of adamantan, **31**, 123
— properties of sulphide catalysts, (XII) **29**, 237
- LANG, K.
— alteration of food proteins during thermic processing, **23**, 241
- LÁNG, L.
— identification of organic compounds by UV absorption spectroscopy, **11**, 45
— spectra of diastereoisomers, **4**, 1
— see DOLESCHALL, G. **47**, 405
- LÁNYI, D.
— see FÖLDI, Z. **25**, 433
— see FÖLDI, Z. **38**, 147
- LÁNYI, GY.
— see DÖRY, I. **30**, 71
— see DÖRY, I. **30**, 207
- LÁNYI, K.
— benzene sulphonylurethane derivatives, (I) **29**, 85; (II) **29**, 189
- LÁNYI-KONKOLY THEGE, I.
— see SCHULEK, E. **49**, 339
- LASTOVSKII, R. P.
— applicability of complexones in analytical chemistry, **32**, 229
- LÁSZLÓ, A.
— autoignition in flowing system, **42**, 409
— autoignition of gas mixtures, **42**, 397
— ignition parameters of streaming gases, (I) **35**, 233; (II) **35**, 351
— kinetical evaluation of hydrocracking, **31**, 137
— see FREUND, M. **14**, 3
— see MOHILLA, R. **50**, 497
- LÁSZLÓ, E.
— see HOLLÓ, J. **50**, 351
- LASZLOVSKY, J.
— analytical significance of inhibitor effect, **41**, 133
— quantitative interpretation of Szebellédy-catalytic microreaction, **26**, 133
- LÁSZTITY, A.
— comparison of ion exchangers, **41**, 161
- LATKA, H.
— see RIENÄCKER, G. **18**, 45
- LAUBE, E.
— see NOWOTNY, H. **18**, 35
- LAVROVA, O. YU.
— see LASTOVSKII, R. P. **32**, 229
- LAVRUKHINA, A. K.
— separation of radioactive rubidium and cesium by chromatography, **33**, 309
- LÁZÁR, J.
— see VINKLER, E. **30**, 233
— see KLIVÉNYI, F. **46**, 357
- LÁZÁR, T.
— see BAJUSZ, S. **41**, 329
— see BAJUSZ, S. **48**, 111
- LECHNER, Á.
— photometry of boron, (I) **28**, 223; (II) **28**, 231
- LECLERC, M.
— see GOUNELLE, H. **23**, 255
- LÉGRÁDI, L.
— application of oxidation method in organic analysis, (I) **47**, 115
— detection of phenylenediamine isomers, **42**, 297;
— determination of formaldehyde and formaldehyde-dimethylacetal in presence of each other, **42**, 89
— determination of methanol and formaldehyde in presence of each other, **39**, 403
— 4-(2'-ethyl-phenylazo)-1-naphthylamine hydrochloride as adsorption indicator, **42**, 107
— p-ethoxy- α -naphthylred as adsorption indicator, **47**, 103
- LEHOTAI, L.
— calculation of adsorption curves of nickel(II) ethylene diamine complex compounds, **22**, 275
— decomposition of adsorption curves, **25**, 25
— see KISS, Á. **12**, 73
— see KISS, Á. **14**, 225
- LEIBNITZ, E.
— dehydrogenation of naphthenes, **36**, 27
— physical investigation on brown coal tar pitches, **31**, 145
- LEMPERT, K.
— local anesthetics, (V) **12**, 93
— synthesis of hydantoin, thiohydantoin, glycoyamidins, (XIV) **37**, 457; (XXIII) **47**, 391; (XXIV) **50**, 303
— see BEKE, D. **5**, 143
— see BEKE, D. **5**, 151
— see LEMPERT-SRÉTER, M. **17**, 471
— see LEMPERT-SRÉTER, M. **21**, 89
— see DOLESCHALL, G. **40**, 235
— see DOLESCHALL, G. **45**, 357
— see DOLESCHALL, G. **47**, 405
— see DOLESCHALL, G. **48**, 77

- LEMPERT—SRÉTER, M.
 — cleavage of p-tosylglycine, **17**, 471
 — decomposition of N-(β,β,β -trifluoroethyl)-p-tosylamides and N-(p-tosyl)-phenacylamines, **21**, 89
 — 1,5-diketones, (I) **50**, 381
 — mixed isomerization of isoeugenol, **41**, 451
- LÉNÁRD, K.
 — C₂-substituted derivatives of 3-(β -diethyl-amino-ethyl) indoles, **34**, 439
 — synthesis of 2-oxo-benzo(a)quinolizine derivatives, **38**, 57
 — see MAGYAR, GY. **17**, 249
 — see BAJUSZ, S. **30**, 239
- LENDVAY, S.
 — see VARGHA, L. **4**, 345
 — see VARGHA, L. **19**, 307
- LENGYEL, B.
 — alkali error of glass electrode, (I) **25**, 225; (II) **25**, 369; (III) **45**, 177
 — direct synthesis of methylchlorosilanes, (I) **39**, 27
 — effect of glass electrodes, **50**, 119
 — gas chromatographic analysis of methylchlorosilane, **37**, 37
 — hydrolysis and polycondensation of mixtures of methyltrichlorosilane and dimethyldichlorosilane, **44**, 373
- LENGYEL, B. JR.
 — see DÉVAY, J. **46**, 325
- LENGYEL, I.
 — see WEYGAND, F. **44**, 19
- LENGYEL, L.
 — see INZELT, E. **35**, 407
- LENGYEL, S.
 — density of water in electrolytes, **3**, 13
 — determination of ionic mobilities, **32**, 429
 — determination of transference numbers, **39**, 357
 — diffusion of iodide ions, **37**, 279
 — influence of silver halide on electromotive force, **32**, 235
 — structure of aqueous ionic solutions, **37**, 87
 — structure of aqueous solutions, **37**, 319
- LENGYEL, S.
 — viscosity of aqueous alkali halide solutions, **40**, 125
 — see TAMÁS, J. **38**, 225
 — see GERGELY, J. **39**, 423
- LENGYEL, T.
 — energy dependence of back-scattering factor, **21**, 51
 — investigation on ion exchange equilibria, with radioactive tracer method, (V) **34**, 19; (VI) **34**, 29; (VII) **38**, 367
 — see HOLLÓ, J. **13**, 307
 — see ÁDÁM, L. **19**, 111
 — see JÁSZ, Á. **27**, 247
 — see JÁSZ, Á. **27**, 253
 — see JÁSZ, Á. **30**, 49
 — see JÁSZ, Á. **33**, 395
- LÉVAY, B.
 — see FODOR—CSÁNYI, P. **47**, 343
 — see FODOR—CSÁNYI, P. **49**, 173
- LÁVAI, GY.
 — see MARTON, J. **21**, 375
- LIBEREK, B.
 — racemization during coupling of carbobenzoxy- β -cyano-L-alanine, **44**, 71
- LIBOR, O.
 — binding of borate ions by glauconite, **22**, 27
 — ion exchange properties of glauconite, **22**, 173
- LINDNER, K.
 — microanalysis of aminoacid of di- and tripeptides, **26**, 443
 — polarographic evaluation of biological value of proteins, **9**, 353
- LINDNER, K.
 — nutrition values of Hungarian potatoes, **11**, 151
 — see CIELESZKY, V. **1**, 343
- LINNETT, J. W.
 — see CUTHBERT, J. **18**, 291
- LIPTÁK, A.
 — see BOGNÁR, R. **45**, 47
- LIPTAY, GY.
 — pyrolytic dehydrogenation of sterols, **42**, 379
 — see ERDEY, L. **46**, 373
- LISZI, J.
 — rate equation for gas adsorption, **49**, 155
- LITEANU, C.
 — calculation of point of equivalent (titration), **27**, 9
- LITKEI, GY.
 — see BOGNÁR, R. **34**, 353
- LITVÁN, G.
 — see NAGY, F. **21**, 397
- LIVAŘ, M.
 — ultrared spectroscopy of pesticides, **27**, 425
- LOHS, KH.
 — analysis of organic phosphoric ester, **26**, 451
- LOSONCZI, B.
 — see CSÜRÖS, Z. **43**, 271
 — see CSÜRÖS, Z. **43**, 297
- LOSONCZY, B.
 — see NÁDOR, K. **3**, 497
- LÖBER, G.
 — fluorescence-spectrometric investigation of equilibrium anthrone-anthranol, **40**, 9
- LŐCSEI, B.
 — confirmation of existence of meta-

- kaolinite state, **38**, 59
- crystallisation of fused silicates, **22**, 1
- formation of mullite, **39**, 271
- kinetics of mullite formation, (I) **33**, 197
- thermogravimetric investigation of mullite formation, **40**, 79
- LÖRINC, A.
 - correlation between paper chromatographic R_f and R_m values, **47**, 419
 - objective evaluation of indanthrone and 3,3'-dichloroindanthrone, **43**, 73
- LÖW, M.
 - conformation of cyclopentane, **25**, 425
 - reactions of N-hydroxysuccinimide esters, **44**, 61
 - see MEDZIHRADSKY, K. **30**, 105
 - see KISFALUDY, L. **44**, 33
- LUBOJANSKI, J.
 - see GREOGORCZYK, S. **28**, 193
- LUKIANITSA, V. G.
 - group analysis of sulphur compounds in petroleum, **36**, 469
- LÜBKE, K.
 - relation between structure and biological activity of eledoisin, **44**, 131
- LYSENKO, A. P.
 - see PLIUSKIN, V. G. **36**, 177
- MAASSEN VAN DEN BRINK, W.
 - general discussion of coupling methods, **44**, 101
 - see BEYERMAN, H. C. **44**, 99
- MACHER, F.
 - application of spectrochemistry in microbiology, **28**, 83
- MACHO, V.
 - hydroformylation of olefins, **36**, 157
- MAGYAR, GY.
 - solanum alkaloids, (V) **17**, 249; (VI) **20**, 331; (VII) **25**, 321
 - see BITE, M. **48**, 255
- MAGYAR, M.
 - see LÁSZLÓ, A. **31**, 137
- MAJER, J.
 - see SCHILLER, P. **26**, 259
- MAJOR, Á.
 - see ZEMPLÉN, G. **7**, 455
 - see FARKAS, L. **41**, 445
 - see FARKAS, L. **42**, 393
- MAJOR, GY.
 - see VAMOS, E. **27**, 193
- MAJOR, GY. B.
 - see OLÁH, GY. **7**, 451
- MAJTHÉNYI, L.
 - see ERDEY-GRÚZ, T. **16**, 417
 - see ERDEY-GRÚZ, T. **20**, 73
 - see ERDEY-GRÚZ, T. **20**, 175
 - see ERDEY-GRÚZ, T. **37**, 393
- MAKÁDI, J.
 - see BALLÓ, R. **29**, 463
 - see BALLÓ, R. **39**, 129
- MAKLEIT, S.
 - steroid-alkaloid-glycosides, (VII) **38**, 53
 - steroid glyco-alkaloid content of Solanum species, (IV) **33**, 407
 - see BOGNÁR, R. **46**, 205
 - see BOGNÁR, R. **49**, 109
- MALESZEWSKA, H.
 - see MIHZEWSKI, J. **28**, 91
- MALINOVSKÝ, H.
 - see HANIC, F. **32**, 309
- MALOVECZ, I.
 - see VÁGÓ, GY. **10**, 169
- MALYAVKIN, L. P.
 - photoelectric steelometer for emission spectral analysis, **30**, 277
- MAMEDALIEV, Y. G.
 - synthesis and conversion of perchloroalkenes, perchloro-alkadienes and perchloro-cyclodienes, **36**, 169
- MANNINGER, E.
 - see MACHER, F. **28**, 83
- MARCZENKO, Z.
 - colorimetry of cerium, **26**, 347
- MARÉCOFF, N.
 - see IVANOFF, D. **14**, 163
- MARKÓ, B.
 - see BOR, GY. **27**, 395
- MARKÓ, L.
 - see BERTY, J. **3**, 177
 - see BOR, GY. **27**, 395
 - see FREUND, M. **31**, 77
 - see KHATTAB, S. A. **40**, 471
 - see LÁKY, J. **46**, 246
- MARKÓCZY, G.
 - see SZILÁGYI, A. **15**, 365
- MARKUZE, Z.
 - browning of sugar solutions heated with aminoacids, **23**, 247
- MAROS, L.
 - analysis of 1,2-glycols and polyoxy compounds, (I) **20**, 359; (III) **21**, 91; (IV) **22**, 359; (V) **24**, 67; (VI) **35**, 1
 - analytical application of periodate, **26**, 467
 - carbon dioxide determination in water, **33**, 59
 - determination of ethanol and methanol, acetaldehyde and formaldehyde in presence of each other, **41**, 123
 - determination of formaldehyde bisulphit, **19**, 57
 - determination of organic content in aluminate liquor, **35**, 137
 - determination of periodate, **22**, 475
 - macro and micro determination of cyanide, **48**, 11

- oxidation of organic compounds by bromine for analytical use, (I) **48**, 161
 - oxidation with periodate, (I) **24**, 213; (II) **30**, 119; (III) **40**, 379
 - quick determination of carbon dioxide, **26**, 459
 - see SCHULEK, E. **10**, 291
 - see SCHULEK, E. **17**, 273
 - see SCHULEK, E. **17**, 369
 - see SCHULEK, E. **19**, 473
 - see SCHULEK, E. **20**, 443
- MARSALA, V.
- see BELLOMO, A. **41**, 365
- MÁRTA, F.
- effect of nitric oxide on thermal decomposition of propion aldehyde, (I) **31**, 415
 - thermal decomposition of propionaldehyde, **50**, 263
 - see SZABÓ, Z. G. **32**, 69
 - see SZABÓ, Z. G. **32**, 81
- MÁRTON, J.
- catalytic hydration of acetylene, **21**, 375
 - synthesis of tetrazolium salts, **25**, 115
 - see ZÖLLNER, Gy. **13**, 283
 - see ZÖLLNER, Gy. **20**, 321
 - see ÖTVÖS, L. **24**, 321
 - see ÖTVÖS, L. **24**, 327
- MARTOS—BÁRCZAI, M.
- see BEKE, D. **11**, 295
- MARZEC, A.
- see KISIELOV, W. **37**, 163
- MAŠEK, J.
- polarographic determination of inorganic nitrogen compounds, **9**, 105
- MASLOV, P. G.
- inner rotation of molecules, **40**, 197
- MATHERNY, M.
- influence of electric excitation parameters on solution spectrography, **30**, 399
 - spectrographic properties of capillary electrodes, (I) **48**, 203
- MATIAŠOVSKÝ, K.
- see HANIC, F. **32**, 309
- MATKOVICS, B.
- see KOVÁCS, Ö. K. J. **48**, 241
 - see KOVÁCS, K. **50**, 361
- MATOLCSY, Gy.
- synthesis of 2,4-dichloro-5-iodophenoxy ethanol, **20**, 335
 - see SZABÓ, K. **15**, 201
- MATOLCSY, K.
- analysis of peak loads of catalytic combustion reactors, **16**, 103
- MATOLCSY—SZABÓ, G.
- see KARLINSZKY, L. **40**, 445
- MATUS, L.
- see PUTIRSKAYA, G. V. **21**, 289
 - see PUTIRSKAYA, G. V. **38**, 249
- MAZAREANU, L.
- see GRIGORIU, D. **36**, 331
- MÁZOR, L.
- volumetric analysis of vanadium, (I) **2**, 331
 - volumetric determination of penicillin, **26**, 473
 - see ERDEY, L. **3**, 469
 - see ERDEY, L. **4**, 259
- MECHER, T.
- see FODOR, G. **1**, 395
- MEDGYESI, Gy.
- see LAKATOS, B. **20**, 1
 - see LAKATOS, B. **21**, 293
- MEDWEDEW, V.
- see HADOBÁS, B. **27**, 403
 - see BUJDOSÓ, E. **42**, 433
- MEDZIHRADSKY, K.
- catalytic hydrogenation of peptides, **44**, 15
 - synthesis of nonapeptide derivative, **30**, 105
 - see KOVÁCS, J. **6**, 183
 - see BRUCKNER, V. **21**, 105
 - see BAJUSZ, S. **30**, 239
 - see KISFALUDY, L. **30**, 473
 - see MEDZIHRADSKY—SCHWEIGER, H. **50**, 339
- MEDZIHRADSKY—SCHWEIGER, H.
- microdetermination of N-carbobenzyl-oxy group, **42**, 317
 - microdetermination of hydrazides, **34**, 213
 - microdetermination of phosphor in organophosphorus compounds, **41**, 265
 - semimicro and microdetermination of carbobenzyl-oxy group, **37**, 239
 - splitting off of carbobenzyl-oxy protecting groups of methionine peptides, **50**, 339
 - see MEDZIHRADSKY, K. **44**, 15
- MEHLHORN, R.
- see FISCHER, W. **34**, 167
- MÉHES, Gy.
- see HANKOVSKY, H. O. **47**, 199
- MEIENHOFER, J.
- synthesis of hexapeptide derivatives, **48**, 171
 - see ZAHN, H. **44**, 109
- MEISEL—ÁGOSTON, J.
- see ÖTVÖS, L. **24**, 321
 - see ÖTVÖS, L. **24**, 327
 - see EGYED, J. **38**, 123
 - see ÖTVÖS, L. **43**, 149
 - see EGYED, J. **43**, 155
- MEISEL, T.
- see ERDEY, L. **21**, 327
 - see GIBER, J. **22**, 435
 - see ERDEY, L. **26**, 53

- see ERDEY, L. 26, 71
- see KLATSMÁNYI—GÁBOR, P. 40, 99
- MEISSEL, M. N.
 - food sterilisation by irradiation, 23, 529
- MELUŠ, Š.
 - new parameters in evaluation of spectral carbon, 30, 315
- MENCZEL, GY.
 - X-ray analysis of raw phosphates, 27, 475
 - see CSORDÁS, L. 46, 191
- MENYHÁRT, M.
 - see SZÜCS, M. 35, 309
 - see KORACH, M. 35, 321
- MENYHÁRTH, P.
 - determination of vitamine B₁₂ 41, 195
- MESSMER, A.
 - halogenation and cyclisating dehydrogenation with tribromophenol bromine, 15, 183
 - investigation on 2,4-dinitrobenzene diazonium fluoroborate, 28, 399
 - synthesis and reactivity of azido-compounds, (I) 28, 389; (II) 29, 119
 - see ZEMPLÉN, G. 2, 25
 - see ZEMPLÉN, G. 7, 455
 - see LADIK, J. 34, 7
 - see MÜLLER, A. 38, 35
 - see LADIK, J. 38, 392
 - see BICZÓ, G. 46, 195
- MESTER, L.
 - see ZEMPLÉN, G. 2, 9
 - see ZEMPLÉN, G. 2, 25
 - see ZEMPLÉN, G. 4, 73
 - see ZEMPLÉN, G. 4, 85
 - see ZEMPLÉN, G. 4, 151
 - see ZEMPLÉN, G. 4, 161
 - see JÁMBOR, B. 6, 263
 - see ZEMPLÉN, G. 7, 455
 - see ZEMPLÉN, G. 8, 133
 - see ZEMPLÉN, G. 8, 139
 - see JÁMBOR, B. 9, 485
 - see ZEMPLÉN, G. 10, 369
 - see ZEMPLÉN, G. 12, 259
 - see ZEMPLÉN, G. 13, 99
- MÉSZÁROS, Á.
 - see DEÁK, GY. 29, 111
- MÉSZÁROS, E.
 - see ERDEY-GRÚZ, T. 38, 203
 - see ERDEY-GRÚZ, T. 39, 77
- MÉSZÁROS, L.
 - see ERDEY-GRÚZ, T. 30, 431
 - see ERDEY-GRÚZ, T. 32, 363
 - see ERDEY-GRÚZ, T. 35, 265
 - see DÉVAY, J. 43, 17
 - see DÉVAY, J. 43, 25
 - see DÉVAY, J. 44, 397
 - see DÉVAY, J. 45, 37
 - see DÉVAY, J. 45, 119
 - see DÉVAY, J. 47, 185
 - see DÉVAY, J. 50, 167
- MÉSZÁROS, M.
 - see BRUCKNER, V. 22, 443
 - see MÜLLER, A. 50, 401
- METLENKO, A. I.
 - see KLUG, O. N. 49, 123
- MEWADA, G. S.
 - see DAVE, G. R. 34, 101
- MEYKNECHT, E. A. M.
 - effect of cooling on milk, 23, 347
- MICHALIK, A.
 - see LIBEREK, B. 44, 71
- MICHEEL, F.
 - separation of hydrophobic substances, 12, 331
 - synthesis of oligosaccharides and polysaccharides, 18, 437
- MIHÁLKA, I.
 - determination of volatile ore constituents by rotating electrode disk, 30, 359
- MIKHAILOV, M. K.
 - paper chromatography of polyphenols, (I) 10, 421
- MIKKELEIT, W.
 - see DUNKEN, H. 33, 67
- MIKLÓS, I.
 - polarographic determination of stability constant, 26, 365
- MIKÓ, L.
 - see BRUCKNER, A. 42, 47
- MILLNER, J.
 - see KONCZ—DÉRI, M. 5, 215
 - see KONCZ—DÉRI, M. 16, 71
- MILLNER, T.
 - see NEUGEBAUER, J. 34, 469
- MINCZEWSKI, J.
 - chlorite oxidizing agent in volumetric analysis, 32, 133
 - determination of oxygen traces, 33, 51
 - determination of traces of elements, 34, 123
 - polarography of uranium, 27, 143
 - spectrography of gallium and indium, 28, 91
 - see RADWAN, Z. 28, 49
 - see CZAKOV, J. 30, 395
 - see JASKÓLSKA, H. 32, 9
 - see NOWICKA—JANKOWSKA, 33, 135
- MINEA, I.
 - see GOTTHARD, F. 36, 113
- MINENKO, A.
 - see RÖLLIG, H. E. 32, 159
- MIRONOV, V. F.
 - see NAGY, J. 47, 189
- MISKEY, M.
 - see BUJDOSÓ, E. 42, 433
- MITAL, M. L.
 - see SAXENA, R. S. 34, 193
 - see SAXENA, R. S. 40, 109

- MLINKÓ, S.
— gas analysis of C^{14} -carbon, (I) 33, 107
— see MESSMER, A. 29, 119
- MISHTCHENKO, K. P.
— ionic radii in solutions, 18, 341
- MIZSEI, A.
— see GYENES I. 16, 389
- MLÓDECKA, J.
— quantitative determination of phenols, using paper chromatography, 27, 279
- MÓCZÁR, E.
— see ZEMPLÉN, G. 4, 161
— see ZEMPLÉN, G. 10, 369
- MÓGER, D.
— see NAGY, F. 21, 159
— see NAGY, F. 25, 99
— see NAGY, F. 25, 177
- MOHAI, B.
— see BOR, GY. 8, 335
— see BOR, GY. 12, 57
- MOHAI, M.
— see ÚPOR, E. 37, 1
- MOHAN LAL MITAL
— see SAXENA, R.S. 34, 193
- MOHILLA, R.
— dynamic modelling of chemical reactors, (I) 50, 497
- MOHOS, B.
— see SAFARIK, I. 46, 159
- MOLDAN, B.
— see RUBEŠKA, I. 44, 367
- MOLDVAI, Á. S.
— formation of lithium aluminosilicates, 17, 37
— see KORACH, M. 37, 261
- MOLL, K. K.
— see SMEYKALL, K. 36, 209
- MOLLOV, N.
— see KURTEV, B. J. 18, 429
- MOLNÁR, F.
— separation by anion exchange, 19, 75
- MOLNÁR, I.
— see BALLÓ, R. 29, 463
— see BALLÓ, R. 39, 129
— see BALLÓ, R. 39, 253
— see BALLÓ, R. 43, 165
— see BALLÓ, R. 43, 179
- MOLNÁR, L.
— quantitative oscillographic polarography of alkaloids, 9, 273
— see MOLNÁROVÁ, K. 18, 93
- MOLNÁR, S.
— see INCZELT—GERBER, E. 49, 29
- MOLNÁROVÁ, K.
— oscillographic polarography in organic chemistry, (I) 18, 93
- MOLNÁR—PERL, I.
— see MAROS, L. 22, 475
- see MAROS, L. 24, 67
— see MAROS, L. 24, 213
— see MAROS, L. 26, 459
— see MAROS, L. 26, 467
— see MAROS, L. 30, 119
— see MAROS, L. 33, 59
— see MAROS, L. 35, 1
— see MAROS, L. 40, 379
- MONDVAI, I.
— polymerisation of methyl methacrylate, (I) 47, 281
- MONDVAI, I.
— synthesis of linear polymers, (I) 10, 111
- MONNIER, D.
— see HAERDI, W. 26, 105
- MONZINI, A.
— refrigeration of fruits and vegetables, 23, 435
— see ANTONIANI, C. 23, 339
- MOORE, A. T.
— polymerization of peptides, 44, 103
- MORENO—CALVO, J.
— influence of cold on oils, fats and lipid fractions of foodstuffs, 23, 369
- MORGÓS, J.
— see CSÚRÖS, Z. 10, 193
— see CSÚRÖS, Z. 16, 301
— see CSÚRÖS, Z. 29, 99
— see CSÚRÖS, Z. 43, 271
— see CSÚRÖS, Z. 43, 297
- MÓRITZ, P.
— approximate calculation of liquids critical temperatures, 32, 97
— approximate calculation of critical pressures of liquids, 11, 271
— calculation of equilibrium conversions, 3, 421
— see BITSKEY, J. 11, 359
- MORZEK, P.
— see NIESE, S. 26, 235
- MOSONI, F.
— see DÉVAY, J. 42, 243
— see DÉVAY, J. 46, 97
- MOSTECKÝ, J.
— see LANDA, S. 29, 237
- MOTHES, N.
— see KLIMKE, R. 36, 447
- MÓZES, GY.
— rheological properties of petroleum products, 37, 191
— see VÁMOS, E. 31, 267
— see ZAKAR, P. 31, 281
— see ZAKAR, P. 31, 291
- MRÁZ, V.
— high pressure hydrogenation of heavy petroleum distillates, 36, 269
- MUHAMMAD, S. S.
— decarboxylation of 1-hydroxy-2-naphtoic acid, 22, 455

- kinetics of chain photolysis of hydrogen peroxide, **38**, 13
- see SETHURAM, B. **46**, 115
- see SETHURAM, B. **46**, 125
- MUÑOZ—DELGADO ORTIZ, J. A.
 - refrigeration-antibiotics, refrigeration-radiation combined method for food preservation, **23**, 577
- MUTH, B. R.
 - see KISS, Á. I. **7**, 373
 - see KISS, Á. I. **7**, 385
 - see KISS, Á. I. **11**, 57
 - see KISS, Á. I. **11**, 365
 - see KISS, Á. I. **22**, 397
 - see KISS, Á. I. **24**, 231
- MUZNAY, Cs.
 - direct current conductometry with non-polarizable external electrodes, (I) **27**, 21
- MÜLLER, A.
 - investigation on propenylphenol ether, (I) **2**, 231
 - more flexible formulation of organic molecular structures, **38**, 35
 - reaction of 1-aryl-isobenzopyrylium salts with ammonia, **50**, 387
 - see LEMPERT—SRÉTER, M. **41**, 451
 - see BRUCKNER, A. **42**, 47
 - see BRUCKNER, A. **46**, 255
- MÜLLER, K.
 - see LEIBNITZ, E. **31**, 145
- MÜLLER—URI, G.
 - see GUTTMAN, W. **25**, 327
- MÜNZING, E.
 - catalysts for hydrogenation processing of petroleum, **36**, 279
- NÁDASY, M.
 - production and decomposition of tar-water emulsion, **32**, 377
 - separation of by-products of coal processing, **30**, 255
 - separation of pyridine from sodium phenolate, **16**, 205
 - spectrophotometric, potentiometric polarographic study of germanium-pyrocatechol complex, **34**, 339
- NÁDLER, Zs.
 - see BOGNÁR, J. **10**, 51
- NÁDOR, B.
 - investigation of electron spin resonance, **40**, 1
 - see KORÁNYI, GY. **39**, 415
- NÁDOR, K.
 - preparation of curare-like effect compounds, (III) **2**, 369; (IV) **3**, 71
 - quaternary adducts of bromoacetic ester, **3**, 497
 - synthesis of ganglion blocking effects compounds, (I) **2**, 95; (II) **3**, 323
- synthesis of β -haloethylamine type compounds, **2**, 153
- NAGY, Á. G.
 - paper electrophoresis of carrierfree ^{131}I , **48**, 331
- NAGY, S. B.
 - dielectricometric analysis of multicomponent systems, **27**, 49
 - mixtures of furan derivatives, **12**, 15
- NAGY, E.
 - see CHOLNOKY, L. **6**, 143
 - see CHOLNOKY, L. **16**, 227
- NAGY, F.
 - determination of active sites on electrodes, **34**, 35
 - determination of tricresyl phosphate in presence of dibutyl phthalate, **26**, 481
 - dissolution of ethylene, **14**, 421
 - homogeneous liquid phase activators of H_2 molecule, (I) **38**, 213; (II) **38**, 373
 - kinetic investigation of catalytic hydrogenation, (I) **25**, 99; (II) **25**, 177; (III) **25**, 193; (IV) **37**, 295; (V) **49**, 243
 - molecular weight of anhydrous aluminum chloride, **21**, 397
 - sorption of hydrogen, in suspension of palladium catalyst, **21**, 159
 - see ERDEY-GRÚZ, T. **12**, 101
 - see SCHAY, G. **13**, 181
 - see FEJES, P. **20**, 451
 - see SCHAY, G. **37**, 287
 - see SIMÁNDI, L. **46**, 101
 - see SIMÁNDI, L. **46**, 137
- NAGY, GY.
 - see UPOR, E. **28**, 287
 - see UPOR, E. **50**, 5
- NAGY, H.
 - see BRUCKNER, V. **6**, 219
- NAGY, J.
 - bond structure of alkenyl siliconorganic compounds, **47**, 189
- NAGY, L.
 - see BOGNÁR, J. **10**, 259
 - see BOGNÁR, J. **16**, 1
 - see HARDY, GY. **46**, 345
 - see HARDY, GY. **47**, 211
- NAGY, L. GY.
 - adsorption of binary liquid mixtures, (I) **39**, 365
 - see SCHAY, G. **50**, 221
- NAGY, Z.
 - determination of concentration, **14**, 107
 - separation of germanium by paper chromatography, **16**, 9
 - see ALMÁSSY, GY. **6**, 339
 - see ALMÁSSY, GY. **7**, 317
 - see ALMÁSSY, GY. **7**, 325
- NAGYPATAKI, GY.
 - de-salting of crude oil, **31**, 165

- NAIR, B. C.
— polarography of complex formation, **49**, 151
- NÁNÁSI, P.
— see BOGNÁR, R. **12**, 115
— see BOGNÁR, R. **22**, 301
— see BOGNÁR, R. **45**, 47
- NÁRAY—SZABÓ, I.
— crystal structure of PbCrO_4 , **40**, 283
— crystal structure of sodium selenate, **39**, 85
— hydrates of beryllium sulphate, **34**, 203
— investigation of melting points and boiling points, **28**, 311
— physical properties of elements in the periodic system, **17**, 81
— see PALÁGYI, T. **30**, 1
— see ARGAY, GY. **49**, 329
- NAUMANN, H.
— see RAUTSCHKE, R. **28**, 103
- NAVANEETH RAO, T.
— see MUHAMMAD, S. S. **38**, 13
- NAVARRE, R.
— research work of "Institut Français du Pétrole", **36**, 43
- NAVELLIER, P.
— roasting of coffee, **23**, 303
— roasting of foodstuffs, **23**, 291
- NĚMĚCKOVÁ, A.
— see ŠANTAVÝ, F. **18**, 457
- NEMECZ, E.
— see DOBOS, GY. **50**, 427
- NEMES, A.
— see KUCSMAN, Á. **34**, 87
- NEMESHEGYI, G.
— see INCZÉDY, J. **43**, 1
— see INCZÉDY, J. **43**, 9
- NÉMETH, A.
— correlation of increase of dimensions and of capacity of flame reactors, **41**, 461
— limit of inflammability, **33**, 211
— quantitative analysis of combustion processes, **47**, 385
— see LÁSZLÓ, A. **35**, 233
— see LÁSZLÓ, A. **35**, 351
— see LÁSZLÓ, A. **42**, 397
— see LÁSZLÓ, A. **42**, 409
- NÉMETH, Á.
— see VICH, K. **41**, 67
- NENITZESCU, C. D.
— alkylation reactions by esters of sulphonic acid, **12**, 195
- NEUBERGER, V.
— see HERÉDY, L. **12**, 35
- NEUGEBAUER, J.
— range of activity of active hydrogen, **34**, 469
— reactions of tungsten and molybdenum and their oxides, (I) **44**, 241
— volatility of oxides, **37**, 247
— see HEGEDŰS, A. J. **26**, 113
— see KISS, A. **44**, 241
- NICOT, CL.
— synthesis of meso- α, α' -diamino pimelic acid derivative, **44**, 229
- NIEDRICH, H.
— application of peptide synthesis method, **44**, 235
- NIESE, S.
— analysis of target, **26**, 235
- NIGAM, H. L.
— see KAPOOR, R. C. **38**, 295
— see KUMAR, A. N. **48**, 219
— see NAIR, B. C. **49**, 151
- NÓGRÁDI, M.
— see FARKAS, L. **44**, 341
- NÓGRÁDI, T.
— investigation on antituberculosics, (III) **6**, 287
— see CSŰRÖS, Z. **1**, 168
— see TOLDY, L. **4**, 303
— see VARGHA, L. **5**, 111
- NOSZKÓ, L.
— oxidative decarboxylation of furfural, **45**, 329
- NOSZKÓ, L. H.
— exchange reaction of nitrile-carboxyl, **25**, 123
— see OLÁH, GY. **7**, 443
— see ÖTVÖS, L. **24**, 191
- NOVÁK, J. V. A.
— polarographic analysers of long-periodic automatic recording, **9**, 37
- NOVÁK, M.
— see HORVÁTH, J. **33**, 221
— see HORVÁTH, J. **34**, 455
— see HORVÁTH, J. **38**, 151
- NOVOBILSKÝ, V.
— see DVOŘÁK, J. **30**, 365
- NOWÁK, S.
— see LEIBNITZ, E. **36**, 27
- NOWICKA—JANKOWSKA, T.
— reaction of rare earth elements with polyhydroxyflavones, **33**, 135
- NOWOTNY, H.
— carbides, silicides and borides of high melting point, **18**, 35
- NYILASI, J.
— biuret test of proteins, (I) **2**, 451; (II) **3**, 273; (III) **4**, 11; (IV) **6**, 275; (VI) **10**, 347
— catalytic deamination of copper complex of alanine, **17**, 265
— copper complex of ethylenediamine tetraacetic acid, **16**, 131
— copper complex of glycocoll, **14**, 113
— deamination of glycocoll copper complexes, **15**, 51

- metal complexes of amino acids, (I) 21, 235; (II) 21, 343; (III) 30, 221; (IV) 34, 229; (V) 35, 465; (VI) 38, 261; (VII) 42, 27
- metal complexes of peptides, (I) 39, 235; (II) 42, 365; (III) 43, 33; (IV) 43, 45; (V) 47, 291
- metal complexes of polyamines, (I) 22, 51; (II) 25, 49; (III) 25, 443; (IV) 34, 51
- microbiology of racemization of protein, (II) 2, 147; (III) 10, 353
- see GRÓH, Gy. 2, 1
- see BIHARI-VARGA, M. 37, 117
- NYITRAY, I.
 - see NAGY, F. 25, 177
- NYITRAY, K.
 - see HARDY, Gy. 43, 121
- OCSKAY, Gy.
 - see VARGHA, L. 19, 143
 - see SOHÁR, P. 40, 431
- OGNIAOFF, IL.
 - see IVANOFF, D. 14, 163
- OGNYANOV, I.
 - see BERNÁTH, G. 32, 467
- OLÁH, Gy.
 - synthesis of organic fluorine compounds, (I) 3, 191; (II) 3, 199; (III) 3, 203; (IV) 3, 425; (V) 3, 431; (VI) 4, 89; (VII) 4, 111; (VIII) 4, 119; (IX) 7, 65; (X) 7, 71; (XI) 7, 85; (XII) 7, 431
 - synthesis of organic fluorine compounds, (XIII) 7, 443; (XIV) 8, 41; (XV) 7, 451; (XVI) 8, 157; (XVII) 7, 461; (XIX) 10, 233
 - see PAVLÁTH, A. 10, 227
- OLÁH, K.
 - progress and shape of chromatographic gas fronts, 14, 453
 - see GYARMATI, I. 35, 95
- OLLÁRI-VIRÁG, E.
 - mass-spectrometric investigation on Linde-Fränkell-type air distillation unit, 27, 469
- OPAUZSKY, I.
 - see RÓDER, M. 47, 157
- OPLATKA, Gy.
 - calculation about sugar-beet campaign, 2, 65
 - concentration distribution by heterogeneous systems, 2, 103
 - theory of diffusion, (I) 1, 215; (II) 1, 254; (III) 2, 383; (IV) 2, 427
- OPÓCZKY, P.
 - see DÓRY, I. 20, 67
 - see DÓRY, I. 24, 83
- ORBÁN, M.
 - see KÓRÖS, E. 41, 171
- OROSZ, F.
 - derivatives of DL-1,2,3,4-tetrahydro-2-naphthylamine, 49, 291
- ORSÓS, P.
 - see NYILASI, J. 42, 365
 - see NYILASI, J. 47, 291
- ORSZÁG, I.
 - dissociation of urea adducts, 42, 119
 - rapid determination of *n*-hydrocarbons, 40, 367
 - see BATHORY, J. 31, 41
- ORSZÁGH, Š.
 - see MELUŠ, Š. 30, 315
- OSTERMAYER, J.
 - see HÖRHAMMER, L. 40, 463
- OSTROWSKY, Z.
 - pickling liquor sparing effect of sulfoxides and amines, 20, 215
- OSWALD, E.
 - see SZABÓ, K. 15, 1
- OSZTROVSZKY, A.
 - paper chromatography of brandy, 27, 285
- OTVINOWSKI, W.
 - determination of selenium, 26, 243
- OVCCHINNIKOV, Yu. V.
 - conformational study of depsiptides, 44, 211
- OWE BERG, T. G.
 - liquid hydrates in aqueous solutions, 8, 439
- ÖRDÖGH, M.
 - activation analysis of silicon, 26, 253
- ÖTVÖS, L.
 - formation of ketones, 24, 191
 - investigation of reaction mechanism with radioactive acetic anhydride, (I) 24, 321; (II) 24, 327; (III) 43, 53
 - studies of Meerwein-Ponndorf-Verley-Oppenauer reaction, (I) 43, 149
 - see FODOR, G. 5, 205
 - see MÁRTON, J. 25, 115
 - see NOSZKÓ, L. H. 25, 123
 - see TEPLÁN, I. 34, 105
 - see TEPLÁN, I. 34, 109
 - see BÁNFI, D. 35, 213
 - see EGYED, J. 38, 123
 - see EGYED, J. 43, 155
 - see SZABOLCS, A. 43, 159
- PAÁL, Z.
 - dehydrocyclization on metal catalysts, (I) 49, 395
 - reaction kinetics and mechanism of hydrocarbon oxidation, 47, 83
 - see FÖLDIÁK, G. 42, 421
- PADOVANI, C.
 - development of natural gas industry in Italy, 36, 59
- PAIS, I.
 - see SCHULEK, E. 26, 149

- PAKSY, L.
— microanalytical spectral analysis of solution, **49**, 349
— quantitative calculation of spectrum analysis, **28**, 17
— spectrochemical determination of heat treatment of steels, **29**, 11
- PALÁGYI, T.
— chromatography of uranium, (I) **22**, 131; (II) **22**, 239
— oxide-compounds of silver, **30**, 1
— processes on interfaces of solids and liquids, (I) **38**, 385
— radioactive tracers in storing silver-zinc storage cells, **31**, 473
- PÁLFI, E.
— polarography of uranium (VI), **27**, 155
— see HADOBÁS, B. **27**, 403
- PALLAI, I.
— direct production of acetone, (I) **24**, 271; (V) **25**, 33
— see ALMÁSY, G. **20**, 419
— see ALMÁSY, G. **24**, 283
— see ALMÁSY, G. **24**, 385
— see ALMÁSY, G. **24**, 399
- PALLO, V.
— hydrocarbons of Czechoslovakian mineral oils, **18**, 215
- PALLOS, L.
— see ZEMPLÉN, G. **8**, 133
— see ZEMPLÉN, G. **12**, 259
— see ZEMPLÉN, G. **13**, 99
— see FARKAS, L. **44**, 341
- PÁLOSI, E.
— see FÖLDI, Z. **38**, 147
- PÁLYI, GY.
— application of oscillography in textile chemistry, (VI) **43**, 111
— polarography of xanthene-type phthalein derivatives, (I) **32**, 387
— see PÉTER, F. **24**, 363
— see PÉTER, F. **27**, 163
— see RUSZNÁK, I. **35**, 199
— see PÉTER, F. **38**, 187
- PANAIOV, I.
— see TRIFONOV, A. **18**, 487
- PÁNCZÉL, M.
— see CHOLNOKY, L. **6**, 143
— see CHOLNOKY, L. **16**, 227
- PANNETIER, G.
— decomposition of ammonium hexachloroplatinate, (I) **25**, 205; (II) **25**, 219
— explosive decomposition of hydrazoic acid, **18**, 347
— preparation of Ni_3S_2 **30**, 127
- PÁPAY, L.
— see ERDEY, L. **5**, 235
- PÁPAY, M. K.
— see MÁZOR, L. **26**, 473
- PAPP, E.
— preparation of high-purity metallic gallium, **24**, 451
— spectrum analysis of gallium, **28**, 29
- PARIAUD, J.-CH.
— stereochemistry of metal complexes of α -phenylpyridine-methylol-2, **26**, 355
- PARRÁK, V.
— stability of aqueous solution of physostigmine, **33**, 121
- PATAKI, L.
— see SCHULEK, E. **26**, 149
— see KÖRÖS, E. **26**, 187
— see KÖRÖS, E. **41**, 171
- PATOH, P.
— see SCHNEER, A. **27**, 371
- PAULAY, Z.
— protection for guanidino group of arginine, **43**, 147
— see BAJUSZ, S. **41**, 329
- PAULIK, F.
— derivative thermogravimetry, **13**, 117
— derivative thermogravimetry of peats, (I) **16**, 159
— derivatography of barium sulphate precipitates, (I) **38**, 311
— investigation on derivatography, **26**, 143
— see ERDEY, L. **4**, 37
— see ERDEY, L. **4**, 97
— see ERDEY, L. **7**, 27
— see ERDEY, L. **7**, 45
— see ERDEY, L. **10**, 61
— see ERDEY, L. **13**, 453
— see ERDEY, L. **21**, 205
— see ERDEY, L. **41**, 109
— see ERDEY, L. **42**, 131
- PAULIK, J.
— derivation of polarograms, **9**, 161
— see ERDEY, L. **10**, 61
— see PAULIK, F. **26**, 143
- PAUNCZ, R.
— bond lengths and absorption spectra of poly-rylen and poly-anthene series, **11**, 63
— bond lengths of 1,12-benzoperylene, **3**, 261
— diamagnetic anisotropy of ovalene, **2**, 375
— spectra of aromatic hydrocarbons, **2**, 131
— theory of condensed aromatic compounds, **4**, 333
- PAVLÁTH, A.
— synthesis of organic fluorine compounds, (XVIII), **10**, 227
— see OLÁH, GY. **3**, 191
— see OLÁH, GY. **3**, 199
— see OLÁH, GY. **3**, 203
— see OLÁH, GY. **3**, 425
— see OLÁH, GY. **3**, 431
— see OLÁH, GY. **4**, 89

- see OLÁH, Gy. 4, 111
- see OLÁH, Gy. 4, 119
- see OLÁH, Gy. 7, 65
- see OLÁH, Gy. 7, 71
- see OLÁH, Gy. 7, 85
- see OLÁH, Gy. 7, 431
- see OLÁH, Gy. 7, 443
- see OLÁH, Gy. 7, 451
- see OLÁH, Gy. 7, 461
- see OLÁH, Gy. 8, 41
- see OLÁH, Gy. 8, 157
- PAWLIKOWSKI, S.
 - clumps formation of lime ammonium nitrate, 18, 231
 - new laboratory gas flow meters, 21, 269
- PÉCELI, B.
 - see VAJTA, L. 25, 459
- PECK, G. YU.
 - see OVCHINNIKOV, YU. V. 44, 211
- PEKÁRI—KEREPESI, M.
 - see CSÁKVÁRI, B. 48, 1
- PELSHENKE, P. F.
 - vitamin B content of cereals, 23, 179
- PELZ, H. W.
 - see KEIL, G. 36, 351
- PENCHEV, V.
 - changes of bitumen composition during blowing, 36, 451
- PÉTER, É.
 - quantitative X-ray analysis of multi-component systems, 41, 413
- PÉTER, F.
 - adsorption phenomena of dropping mercury electrode, (I) 27, 163
 - autoxidation of sodium dithionite, 45, 63
 - investigation on adsorption waves, (I) 24, 363
 - polarography of sodium dithionite, 9, 421
 - polarography of xanthene-type phthalins, (I) 38, 187
 - see RUSZNÁK, I. 27, 295
 - see PÁLYI, Gy. 22, 387
 - see RUSZNÁK, I. 35, 199
 - see PÁLYI, Gy. 43, 111
 - see LÖRINC, A. 47, 419
- PÉTER, L.
 - role of counter electrode in spark test, (I) 33, 1; (II) 28, 33; (III) 28, 41
- PETHŐ, Á.
 - calculation of gas chromatographic elution waves, 30, 63
 - mathematical discussion of application of Hess'law, 4, 21
 - mathematics of discontinuous models of chromatography, 49, 365
 - see SCHAY, G. 22, 285
 - see NAGY, F. 25, 99
 - see TÉTÉNYI, P. 28, 375
 - see SCHAY, G. 32, 59
- see SCHAY, G. 37, 287
- see FEJES, P. 43, 221
- PETRÓ, J.
 - see CSÚRÖS, Z. 7, 199
 - see CSÚRÖS, Z. 14, 95
 - see CSÚRÖS, Z. 14, 381
 - see CSÚRÖS, Z. 17, 289
 - see CSÚRÖS, Z. 17, 309
 - see CSÚRÖS, Z. 17, 419
 - see CSÚRÖS, Z. 19, 221
 - see CSÚRÖS, Z. 19, 379
 - see CSÚRÖS, Z. 20, 129
 - see CSÚRÖS, Z. 22, 73
 - see CSÚRÖS, Z. 22, 87
 - see CSÚRÖS, Z. 29, 321
 - see CSÚRÖS, Z. 29, 351
 - see CSÚRÖS, Z. 29, 419
 - see CSÚRÖS, Z. 30, 461
 - see CSÚRÖS, Z. 42, 131
- PHILIPP, B.
 - titration of double bonds of acrylic derivatives, 32, 19
- PICKLER, E.
 - see VAJNA, S. 1, 196
- PINTÉR, I.
 - see MESSMER, A. 15, 183
 - see MESSMER, A. 28, 389
- PINTÉR—SZAKÁCS, M.
 - see MAROS, L. 26, 459
 - see MAROS, L. 33, 59
- PINTÉR, T.
 - see ZOMBORY, L. 3, 519
- PIOTROWSKI, A.
 - dependence of limit current on cations concentrations, 33, 11
- PISCHELT, R.
 - see KEIL, G. 36, 359
- PÍSKALA, A.
 - see HORÁK, V. 21, 97
- PLAGEMANN, H. H.
 - see REINÄCKER, G. 18, 45
- PLANK, J.
 - gravimetric determination of mercury, 3, 387
- PLATZER, R.
 - see BOIRIE, C. 33, 267
 - see BOIRIE, C. 33, 275
 - see BOIRIE, C. 33, 281
- PLESS, J.
 - see GUTTMANN, St. 44, 23
- PLIUSNIN, V. G.
 - complex processing of tar, 36, 177
- PLOTKINA, N. I.
 - see PLIUSNIN, V. G. 36, 177
- PLŠKO, E.
 - extrapolation method for spectrographic determination, 30, 267
 - microphotographic measurement of spectral lines, 32, 419

- spectroscopic determination of concentration, **41**, 373
- PODUŠKA, K.
 - synthesis of peptides related to trypsin sequences, **44**, 165
- POGÁNY, J.
 - application of sorbitan esters in mineral oil industry, **31**, 175
- POGÁNY, L.
 - manufacture of motor oils, **42**, 161
 - see SZÁVA, N. **31**, 207
- POGLASOVA, M. N.
 - see MEISSEL, M. N. **23**, 529
- POKÓ, Z.
 - see FODOR, M. **29**, 1
- POLGÁR, J.
 - see CSÜRÖS, Z. **1**, 417
- POLINSZKY, K.
 - bibliography of Varga, J. **19**, 322
 - production of iron oxide yellow pigment, **50**, 483
- POLNER, R.
 - see LINDNER, K. **11**, 151
- PÓLOS, L.
 - see ERDEY, L. **26**, 43
 - see PAULIK, F. **38**, 311
 - see ERDEY, L. **41**, 109
- PÓLYIK, E. N.
 - see NAGY, Z. **16**, 9
- POMMRICH, H. J.
 - see LEIBNITZ, E. **36**, 27
- POMOGÁTS, E.
 - see NYILASI, J. **42**, 27
 - see NYILASI, J. **43**, 33
 - see NYILASI, J. **43**, 45
- PONGOR, G.
 - see ZEMPLÉN, G. **19**, 285
- PONGRÁCZ-STERK, L.
 - see BITE, P. **34**, 363
 - see BITE, P. **38**, 47
- POÓS, L.
 - see GYÖRBIRO, K. **9**, 27
 - see GYÖRBIRO, K. **9**, 185
- PORUBSZKY, I.
 - see ERDEY, L. **26**, 219
- POTÉŠILOVÁ, H.
 - see ŠANTAVÝ, F. **18**, 457
- POZSGAY, GY.
 - see VECSEKNYÉS, L. **21**, 123
- PRÉVOST, CH.
 - process of circular electron transfer, **18**, 365
- PŘIBIL, R.
 - see VYDRA, F. **28**, 297
- PRISTAVU, C.
 - see RIPAN, R. **16**, 83
- PRITZKOW, W.
 - see SMEYKALL, K. **36**, 209
- PROKEŠ, J.
 - see PALLÓ, V. **18**, 215
- PROKS, I.
 - see PLŠKO, E. **30**, 267
- PROSZT, J.
 - ebullioscopic behaviour of binary liquid mixtures, **8**, 171
 - evaluation of paper chromatograms, **9**, 191
 - see GYÖRBIRO, K. **9**, 27
 - see PAULIK, J. **9**, 161
- PRUDHOMME, R. O.
 - physico-chemical and mechanical effects of ultra sounds, **23**, 469
- PRYSZCZEWSKA, M.
 - amperometric determination of metals, (II) **34**, 135; (III) **34**, 365
- PSZONICKI, L.
 - evaporation of elements from refractory spectrographic samples, **30**, 351
- PULAY, P.
 - expressing of F matrices by parameters, (I) **44**, 287; (II) **47**, 273
 - structure of monosilane, **41**, 257
 - vibration spectra of boron compounds, **45**, 123
- PUNGOR, E.
 - adsorption of ions, **12**, 265
 - adsorption of thiocyanate ions, during titration of iodide, **17**, 113
 - atomic emissions by flame photometry, (I) **13**, 235
 - catalytic steps of polarography, **27**, 175
 - chemistry of peroxy-compounds, (III) **4**, 411; (IV) **4**, 417; (V) **4**, 423
 - data to flame photometry of alkali metals, **10**, 179
 - determination of anions activity, (I) **41**, 239
 - electrochemical behaviour of ionite and complexonits membrane electrodes, **50**, 77
 - flame photometric investigation of magnesium compounds, **11**, 23
 - flame photometric properties of copper salts, (I) **13**, 1; (II) **13**, 39
 - flame photometry of alkali metals, **7**, 185
 - flame photometry of alcohol effect, **28**, 125
 - formation of metal complexes, **25**, 133
 - indicators for pH-determination, **27**, 435
 - investigation of atomabsorption with sodium, **28**, 133
 - investigation of redox reactions, (I) **13**, 243
 - investigation of the system hydrogen-peroxide-acetic acid, **8**, 323

- kinetic investigation of aluminum complexes, **27**, 69
 - membrane electrodes for determination of ion concentrations, **27**, 63
 - polarographic waves of catalytic hydrogen, (I) **25**, 293; (II) **30**, 407
 - polarography of dissociation constants, **22**, 69
 - silicon rubber membrane electrodes, (I) **48**, 17
 - surface oxidation reactions of silver iodide, **8**, 49
 - see SCHULEK, E. **4**, 393
 - see SCHULEK, E. **4**, 405
 - see SCHULEK, E. **4**, 429
 - see SCHULEK, E. **4**, 445
 - see SCHULEK, E. **7**, 149
 - see SCHULEK, E. **26**, 157
 - see FARSANG, Gy. **27**, 113
 - see KONKOLY-THEGE, I. **27**, 417
 - see LÉGRÁDI, L. **42**, 89
- PURNELL, J. H.**
- uses of gas liquid chromatography, **50**, 201
- PUSKÁS, M.**
- see SZABÓ, V. **15**, 103
- PUTIRSKAYA, G. V.**
- determination of free radicals formed on radiolysis of water, **38**, 249
 - free radicals formed at radiolysis of water, **21**, 289
- RABÓ Gy.**
- thermodynamics of hydrogentransfer reactions, **5**, 453
 - thermodynamics of high-pressure hydrogenation, (I), **2**, 273; (II) **2**, 293; (III) **2**, 307
 - see VARGA, J. **1**, 94
 - see VARGA, J. **1**, 146
 - see VARGA, J. **5**, 443
 - see VARGA, J. **10**, 245
- RADOI, I.**
- see FACSKO, G. **27**, 31
- RADOS, M.**
- see VARGHA, L. **8**, 303
- RADOZ-LAMBLING, J.**
- voltammetry in anhydrous tetrahydrofuran, **32**, 191
- RADWAN, Z.**
- spectrography of rare earths, **28**, 49
- RÁDY, Gy.**
- determination of total lead in lead chromate, **28**, 237
 - see ERDEY, L. **3**, 315
 - see ERDEY, L. **5**, 133
 - see ERDEY, L. **15**, 81
 - see ERDEY, L. **26**, 71
 - see ERDEY, L. **28**, 179
 - see ERDEY, L. **32**, 151
 - see GIMESI, O. **33**, 381
- see GIMESI, O. **38**, 303
 - see ERDEY, L. **39**, 313
- RAKCSÁNYI, L.**
- shortening the maturing time of wine and brandy, **23**, 419
- RÁKÓCZI, J.**
- see FODOR, G. **28**, 409
- RÁKOSI, M.**
- see BOGNÁR, R. **8**, 309
 - see BOGNÁR, R. **13**, 217
 - see BOGNÁR, R. **14**, 369
 - see BOGNÁR, R. **30**, 87
 - see BOGNÁR, R. **34**, 353
- RAKUSA, R.**
- see ZEMPLÉN, G. **14**, 471
 - see ZEMPLÉN, G. **16**, 445
- RANDIÓ, M.**
- hybridization in methyl substituted cyclopropanes, **50**, 287
- RAPP-SIK, S.**
- see FÖLDVÁRI—VOGL, M. **28**, 9
- RÁSKAI, B.**
- coking process of Hungarian brown coal tars, (I) **33**, 237; (II) **33**, 343
 - separation of phenols from brown coal tar oils, **39**, 465
 - see KOVÁTS, M. **21**, 277
- RÁSKAY, B.**
- see SZILÁGYI, A. **15**, 365
 - see NÁDASY, M. **16**, 205
- RATKOVICS, F.**
- equilibrium study of system ethanol-benzene, **49**, 85
 - gas chromatography of association equilibria of alcohols, **49**, 57
 - gas chromatography of vapour liquid equilibria of binary and multicomponent systems, **49**, 71
- RAULIN, J.**
- influence of stereochemical structure of fatty acids on nutritional efficiency of fats, **23**, 235
 - nutritional and pathological effects of fish oils, **23**, 227
- RAUSCHER, K.**
- sterilisation of foodstuffs, **23**, 259
- RAUTSCHKE, R.**
- spectrography of niobium and tantalum **28**, 103
- RAVDEL, G. A.**
- see SHCHUKINA, L. A. **44**, 205
- RÉDLY, J.**
- see LADIK, J. **38**, 393
- REICH, A.**
- see ERDEY-GRÚZ, T. **13**, 429
- REIS, T.**
- design and investment in petroleum industry, **36**, 75

- optimisation of chemical operation, **35**, 361
- REMESOVA, T. S.
 - radiation resistance of yeasts, **23**, 535
- REPORT—HORVÁTH, Zs.
 - see PUNGOR, E. **8**, 321
 - see LÁSZTITY, A. **41**, 161
- RÉPÁS, P.
 - quickanalysis of magnets, **28**, 243
- RÉPÁSI, M.
 - see RUSZNÁK, I. **14**, 61
- RETEZÁR, Á.
 - oxidation of coals, **37**, 339
- RÉTI, J.
 - see VÁGÓ, Gy. **20**, 367
- REUTOV, O. A.
 - mechanism of substitution reactions, with tracer atoms, **18**, 439
- ŘEZÁČ, Z.
 - flame photometric determination of rubidium and cesium, **30**, 375
- RICHIR, C.
 - see RAULIN, J. **23**, 227
- RICHMOND, A.
 - see CUTHBERT, J. **18**, 291
- RICHTER, G.
 - detergents from alkyl aryl sulphonates, **18**, 245
- RICHTER, J.
 - fractionation of serum proteins, **41**, 167
- RIEDEL, H. G.
 - aromatics from brown coal and petroleum in GDR, **36**, 183
- RIEDEL, W.
 - bituminous production of propane residue, **36**, 459
- RIENÄCKER, G.
 - catalytic properties of combination of nickel and aluminum oxides, **18**, 45
 - electron bonds and catalytic properties in solid catalysts, **14**, 173
- ŘÍHA, J.
 - description of polarographs type LP54 and LP55, **9**, 153
- RIHMER, Zs.
 - see KAJTÁR, M. **43**, 161
- RIPAN, R.
 - physico-chemical studies of metatungstic acid, **16**, 83
- ROCSIN, M.
 - see CONTREA, A. **27**, 99
- RÓDER, M.
 - thermal stability of eutectic mixture of diphenyl and diphenylmethane, **47**, 157
- RODIN, S. S.
 - see LAVRUKHINA, A. K. **33**, 309
- ROGACHEV, V. J.
 - effect of high frequency currents on foodstuff quality, **23**, 541
- ROHRSETZER, S.
 - see BUZÁGH, A. **10**, 427
 - see BUZÁGH, A. **10**, 447
- ROKOSINYI—HOLLÓS, E.
 - see PUNGOR, E. **22**, 69
- ROMMEL, H.
 - see NIESE, S. **26**, 235
- ROMWALTER, A.
 - see FREUND, M. **20**, 433
- RÓNA, V.
 - see HERÉDY, L. **12**, 35
- ROTHER, M.
 - synthesis of cyclic peptides, **18**, 449
- ROTT, A.
 - photographic method on aluminum surface, **18**, 251
- ROZENGART, M. I.
 - see PAÁL, Z. **49**, 395
- ROZMANIT, J.
 - see SZONNTAGH, J. **9**, 99
- ROZSONDAI, B.
 - see ERDEY-GRÚZ, T. **31**, 385
- RÖLLIG, H. E.
 - analysis of nuclear fission products, **32**, 159
- RUBEL, S.
 - see KEMULA, W. **27**, 133
- RUBEŠKA, I.
 - absorption spectrophotometry of magnesium, **44**, 367
- RUDINGER, J.
 - see PODUŠKA, K. **44**, 165
- RUFF, F.
 - see BRUCKNER, A. **38**, 129
 - see KUCSMAN, Á. **40**, 75
 - see VAJDA, M. **40**, 217
 - see VAJDA, M. **40**, 225
 - see GERECS, Á. **42**, 145
 - see FÓTI, A. **43**, 439
 - see VAJDA, T. **44**, 45
 - see BURGER, K. **46**, 1
 - see FÓTI, A. **47**, 221
 - see KUCSMAN, Á. **50**, 325
 - see MÜLLER, A. **50**, 387
- RUFF, I.
 - analytical use of organic reagents, (VIII) **47**, 143
 - calculation of position and extinction coefficients of overlapping absorption bands, **45**, 13
 - role of water in electron transfer reactions, (II) **47**, 241; (III) **47**, 255
 - see BURGER, K. **41**, 75
 - see BURGER, K. **45**, 77
 - see BURGER, K. **46**, 1
 - see BURGER, K. **49**, 1

- RUSZNÁK, I.
— hydrolysis of starch, **27**, 295
— investigation of high molecular substances by polarographic maxima suppression **9**, 49
— polarographic determination of methylene-blue number of regenerated celluloses, **9**, 59
— structure of azo-compounds, **35**, 199
— synthetic linear polymers, (III) **14**, 61
— see PÉTER, F. **24**, 363
- RUTOV, D. G.
— refrigeration of foods, **23**, 327
- RÜSSMANN, H. H.
— comparison of various methods of spectral analysis, **42**, 1
— effect of spectral carbon on spectrographic analysis, **18**, 101
— influence of density of spectral carbon on excitation, **30**, 307
- RYABCHIKOV, D. Y.
— analytical application of complex rhodium compounds, **32**, 183
- RYDON, H. N.
— see MOORE, A. T. **44**, 103
- RZESZOTARSKA, B.
— see TASCHNER, E. **44**, 11
— see VAJDA, T. **44**, 45
— see TASCHNER, E. **44**, 67
- SAFARIK, I.
— ESR spectra of H_2O_2 solution **46**, 159
— see ERDEY-GRÚZ, T. **13**, 159
— see ERDEY-GRÚZ, T. **13**, 201
— see BOTÁR, L. **34**, 377
— see BOTÁR, L. **44**, 293
- SAGORSHEV, B.
— separation of iron(II)-iron(III) by ion exchange, (I) **26**, 289
- SAJÓ, I.
— ethylenediamine tetraacetic acid complex of vanadium(V), **16**, 115
— quick analysis of ores, minerals and silicates, **28**, 259
— quick analysis of silicates, (I) **6**, 233; (II) **6**, 243; (III) **6**, 251
— quick titrimetric determination of silica, **10**, 19
— titration with ethylenediamine-tetraacetic acid, **28**, 253
- ŠAJTER, V.
— see TÖLGYESSY, J. **26**, 179
- SALAMON, T.
— component transfer combined with chemical reaction at liquid-liquid interface, **48**, 105
- SALÁNKI, L.
— see CSÚRÖS, Z. **8**, 283
- SALESIN, E. D.
— see GORDON, L. **33**, 299
- SALGÓ, É.
— see KŐSZEGI, D. **1**, 124
— see KŐSZEGI, D. **7**, 333
- SALLAY, I.
— preparation of nitro-aryl ketones from amino-aryl ketones, **2**, 57
— synthesis and stereochemistry of sphingosine, (X) **5**, 349; (XIII) **5**, 359
- SAMEC, M.
— action of different agents on emulsions, **23**, 561
- SÁNDI, E.
— polarographic determination of ascorbic acid, **1**, 351
— see CIELESZKY, V. **9**, 381
- SANDRET, F.
— action of gamma rays on flour, **23**, 513
- SANDRIN, ED.
— see BOISSONNAS, R. A. **44**, 129
- SANIN, P. I.
— metal dialkylthiophosphate type anti-oxidants, **36**, 381
- SÁNTA, L.
— see SASVÁRI, K. **40**, 53
— see SASVÁRI, K. **40**, 185
- SANTA MARIA, J.
— bacteriological control of sterility, **23**, 267
- ŠANTAVÝ, F.
— alkaloids of poppy (*Papaver rhoeas*), **18**, 457
- SÁRDI, A.
— reduction of molybdenum trioxide, (I) **38**, 177; (II) **39**, 145
- SARKADI, K.
— see BÁNKÖVI, GY. **31**, 23
- SÁROSI, SZ.
— see BOGNÁR, J. **7**, 361
— see BOGNÁR, J. **17**, 1
— see BOGNÁR, J. **19**, 41
— see BOGNÁR, J. **29**, 383
— see BOGNÁR, J. **29**, 395
— see BOGNÁR, J. **37**, 381
- SASVÁRI, GY.
— approximative method for calculation of heating, **40**, 343
— calculation of heat balance of counter-current furnaces, **42**, 73
— dimensionless characteristics of industrial heating, **40**, 357
— heat and mass transfer between granular charge and gas, **46**, 263
- SASVÁRI, K.
— crystallographic computing on computer Elliott 803 B, (I) **40**, 53; (II) **40**, 63; (III) **40**, 175; (IV) **40**, 185
— preparation of $\gamma\text{-Al}_2\text{O}_3$, **14**, 237
— rutile sister structure with vacant places, **33**, 317

- see HEGEDÜS, A. J. **26**, 113
- see HEGEDÜS, A. J. **39**, 321
- SATO, M.
 - see RADOZ-LAMBLING, J. **32**, 191
- SATTLER, T.
 - see ZEMPLÉN, G. **22**, 449
- SAXENA, R. S.
 - electrometric study of system lanthanum-molybdate, **34**, 193
 - formation of polyanions, **40**, 109
- SCHAWARTZ, J.
 - acylation by methane sulphonyl (mesyl) group, (I) **3**, 305; (II) **20**, 415
 - note on 2,5-dihydroxyquinone, **20**, 239
 - see ZEMPLÉN, G. **3**, 487
 - see LADIK, J. **5**, 299
- SCHAY, G.
 - adsorption of gas mixtures, (I) **12**, 299; (II) **12**, 309
 - adsorption of components of binary liquid mixtures, **10**, 281
 - determination of adsorption isotherms, **11**, 381
 - determination of specific surface area, **50**, 221
 - fundamental equation of conversion in stationary reactors, **37**, 287
 - gas adsorption in flow systems, **5**, 167
 - kinetics of nitration of methane, **22**, 409
 - mathematical fundamentals of stoichiometry, **32**, 59
 - physical adsorption, **13**, 181
 - Raman spectra of α -furyl and α -benzofuryl ketoximes, **15**, 273
 - solution of differential equations of gas chromatographic model, **22**, 285
 - statistical derivation of adsorption isotherm, **3**, 511
 - stress-strain relation of rubber blocks, (I) **2**, 317
 - thermal expansion of crystals, (I) **2**, 175
 - viscoelasticity of rubber-like high polymers, (V) **8**, 115
 - see BRUCKNER, Z. **1**, 163
 - see PETHŐ, Á. **4**, 21
 - see DESSEWFFY, O. **7**, 393
 - see HALÁSZ, I. **8**, 143
 - see HALÁSZ, I. **14**, 315
 - see NAGY, F. **14**, 421
 - see FEJES, P. **14**, 439
 - see OLÁH, K. **14**, 453
 - see FEJES, P. **17**, 377
 - see FEJES, P. **20**, 451
 - see TODES, O. M. **22**, 111
 - see JÁSZ, Á. **27**, 253
 - see JÁSZ, Á. **30**, 49
 - see FEJES, P. **33**, 87
 - see KALLÓ, D. **39**, 183
 - see NAGY, L. Gy. **39**, 365
 - see BEYER, H. **47**, 13
- SCHÄCHTER, K.
 - dehydration of tertiary butanol, **46**, 229
 - see TÉTÉNYI, P. **29**, 199
 - see TÉTÉNYI, P. **40**, 145
 - see TÉTÉNYI, P. **40**, 387
 - see TÉTÉNYI, P. **42**, 227
 - see TÉTÉNYI, P. **42**, 326
 - see TÉTÉNYI, P. **43**, 387
 - see TÉTÉNYI, P. **50**, 129
- SCHEEL, W. S.
 - evaluation of test runs, **37**, 203
 - low temperature behaviour of lubricating greases, **28**, 447
 - lubricant fats from oxidized paraffin, **18**, 261
- SCHEIBER, P.
 - see TAMÁS, J. **48**, 309
- SCHILLER, P.
 - use of β -particle radiation in pharmaceutical analysis, **26**, 259
- SCHILLER, R.
 - see KÓSA-SOMOGYI, I. **33**, 143
- SCHLATTNER, J.
 - effect of ash content on heat of combustion of coal, **35**, 301
- SCHLÄFER, H. L.
 - complex compounds of transition metals, **18**, 375
- SCHNABEL, E.
 - see ZAHN, H. **44**, 109
- SCHNEER, A.
 - chromatometric titration of sodium-tetraphenylborate, **28**, 271
 - volumetry of zirconium, (I) **22**, 35; (II) **22**, 139
 - zirconium-morin system, (II) **27**, 371
- SCHNEER-ERDEY, A.
 - chromatometric determination of anthranilic acid, **44**, 267
- SCHNEIDER, J.
 - oxidation potential of peroxyacetic acid solution, **46**, 181
- SCHORR, V.
 - see GRIGORIU, D. **36**, 313
- SCHÖNFELD, T.
 - see BRODA, R. **50**, 49
- SCHRADER, R.
 - determination of gas content in salts, (II) **33**, 31
- SCHRÖDER, E.
 - see LÜBKE, K. **44**, 131
- SCHULEK, E.
 - addition of bromine chloride to unsaturated organic compounds, **22**, 99
 - alkalimetric determination of sodium and potassium in the presence of each other, **3**, 281
 - analysis of aldehydes, (I) **17**, 369; (II) **19**, 473;

- analysis of dithionites, **17**, 273
 - analysis of 1,2-glycols and polyoxy compounds, (II) **20**, 443
 - analysis in steam space, **26**, 157
 - attempt to clear up structure of tribromophenol bromine, **21**, 67
 - change of oxidation-number in sulphuric acid solution, **26**, 149
 - chemistry of iodine trichloride, **31**, 331
 - chemistry of peroxy-compounds, (I) **4**, 393; (II) **4**, 405; (VI) **4**, 429; (VII) **4**, 445
 - chemistry of selenium and selenium compounds, (VII) **37**, 337
 - determination of sulphidic sulphur, **3**, 511
 - formation and decomposition of sulphides, polysulphides, sulphites and thiosulphates **3**, 125
 - halogenation effect of iodine bromide, **19**, 453
 - hydrolysis of sulphur, **10**, 291
 - iodometric determination of chromium(III) ion, **4**, 457
 - iodometry of gaseous oxygen, (I) **49**, 339
 - reaction of sulphur dichloride and disulphur dichloride with cyanide, **47**, 129
 - reduction and conversion of alkali perchlorates, **3**, 289
 - spectrochemistry in sulphuric acid media, (I) **48**, 185
 - surface reactions of silver iodide, **7**, 149
 - structure of tribromophenol bromine, **17**, 211
 - thermoreaction of alkali compounds and boric acid, **3**, 301
 - see PUNGOR, E. **4**, 411
 - see PUNGOR, E. **4**, 417
 - see PUNGOR, E. **4**, 423
 - see PUNGOR, E. **8**, 49
 - see PUNGOR, E. **8**, 323
 - see MAROS, L. **20**, 359
 - see MAROS, L. **21**, 91
 - see MAROS, L. **22**, 359
 - see MAROS, L. **22**, 475
 - see MAROS, L. **24**, 67
 - see MAROS, L. **24**, 213
 - see KÖRÖS, E. **26**, 187
 - see BARCZA, L. **26**, 295
 - see MAROS, L. **26**, 459
 - see MAROS, L. **26**, 467
 - see MAROS, L. **30**, 119
 - see MAROS, L. **33**, 59
 - see MAROS, L. **35**, 1
 - see MAROS, L. **40**, 379
 - see SZAKÁCS, O. **48**, 193
- SCHULLER, N.
— see ZEMPLÉN, G. **19**, 277
- SCHÜTZ—RATKOVICS, R.
— see DÉVAY, J. **46**, 23
- SCHWARTZ, J.
— acylation with methane sulphonyl chloride, (III) **20**, 415
- preparation of 2, 5-dihydroxyquinone, **20**, 239
- SCHWENK, P.
— see BARTH, A. **49**, 405
- SCHWIMMER, E.
— microchemistry of Fe^{3+} ions, **14**, 311
- SEETARAMA RAJU SAGI
— ferrimetric determination of molybdenum (V), **38**, 89
- ŠERÁK, L.
— see RÍHA, J. **9**, 153
- SEREBRYAKOVA, G. V.
— see BOZHEVOL'NOV, E. A. **32**, 199
- SERES, I.
— see BECK, M. T. **41**, 231
- SERGUIENKO, S. R.
— blown asphaltic bitumina production from petroleum residues, **37**, 213
- SETHURAM, B.
— oxidation of isopropanol and butanol by cerium(IV), (I) **46**, 115; (II) **46**, 125
- SHCHUKINA, L. A.
— depsipeptide analogues of peptides, (II) **44**, 205
- SHEMYAKIN, M. M.
— see ANTONOV, V. K. **44**, 93
— see OVCHINNIKOV, YU. V. **44**, 211
- SHER, V. V.
— see SANIN, P. I. **36**, 381
- SHILOV, E. A.
— structure of tribromophenol bromide, **21**, 63
- SHOPOV, D.
— identification of C_7 - C_9 aromatic hydrocarbons by gas-liquid chromatography, **37**, 137
— properties of dithiophosphates, **36**, 371
- SHUBINA, T. N.
— see KNORRE, D. G. **44**, 77
- SHUIKIN, N. I.
— catalytic and thermic conversions of cyclic ethers, **38**, 115
- SICHER, J.
— configuration of conhydrine and ψ -conhydrine, **18**, 461
- SIKLÓS, P.
— pyrolysis of hydrocarbons, **36**, 197
- SÍLEŠ, B.
— see ČERNÁK, J. **27**, 87
- SIMÁNDI, L.
— homogenous catalytic activators of H_2 molecules, (III) **46**, 101; (IV) **46**, 137
— see NAGY, F. **38**, 213
— see NAGY, F. **38**, 373
- SIMEK, M.
— see KEVEI, E. **6**, 345

- SIMENAUER, A.
— determination of nitrogen on surface of zirconium and zinc alloys, **33**, 295
- SIMÓ, B.
— see FLEPS, V. **5**, 81
- SIMON, F.
— see BOR, Gy. **26**, 429
— see VÁMOS, E. **27**, 335
— see VÁMOS, E. **27**, 347
— see SZEPESY, L. **31**, 223
- SIMON, J.
— chromatographic analysis of hydrocarbons, **27**, 321
— see SZEPESY, L. **27**, 303
— see SIMON, P. **27**, 311
- SIMON—FIALA, J.
— see SZABÓ, J. G. **3**, 231
- SIMON, M.
— cut-backs in road building, **31**, 183
- SIMON, P.
— chromatographic analysis of fluids, **27**, 311
— see SZEPESY, L. **27**, 303
— see SIMON, J. **27**, 321
- SIMONNET, H.
— action of heat in preserving foods, **23**, 143
- SIMONYI, I.
— aluminum halogen alcoholates in Meerwein—Ponndorf—Verley reduction, (III) **10**, 217
— direct determination of ketone in the Friedel-Crafts and Fries syntheses, **15**, 285
— preparation and thermal decomposition of aluminum alcoholate chlorohydrate complexes, (II) **15**, 297
— reagent for titration in non-aqueous media, (I) **25**, 305
— titration with halogen aluminum alcoholates, **26**, 495
— see GÁL, Gy. **6**, 365
— see GÁL, Gy. **7**, 421
— see GÁL, Gy. **8**, 163
— see TOKÁR, G. **15**, 291
— see TOKÁR, G. **15**, 375
- SIMONYI, I.
— see TOKÁR, G. **19**, 83
— see TOKÁR, G. **25**, 313
- SIMONYI, J.
— see KŐSZEGI, D. **5**, 33
- SINGER, E.
— spectrophotometry of uranium, **28**, 279
- SIPOS, Gy.
— see GERECS, Á. **4**, 123
— see SOHÁR, P. **46**, 63
- SIPOS, J.
— see BALLÓ, R. **29**, 463
— see BALLÓ, R. **43**, 165
— see BALLÓ, R. **43**, 179
- SLANETZ, C. A.
— see KAUNITZ, H. **23**, 189
- SMEYKAL, K.
— isomerization of xylene mixtures, **36**, 209
- SMIRNOV, I.
— see TÜDÖS, F. **15**, 389
— see TÜDÖS, F. **15**, 401
— see TÜDÖS, F. **15**, 409
- SMYTH, D. G.
— reactions of cyanate with amino and hydroxyl groups, **44**, 197
- SOBKOWSKA, A.
— see MINCZEWSKI, J. **27**, 143
- SOBKOWSKA, E.
— see JANICKI, J. **23**, 483
- SOBOTKA, M.
— cryoscopy in camphor solution, **26**, 503
- SOHÁR, P.
— chemical properties of heterocyclic spiro compounds, (III) **39**, 453; (V) **45**, 333
— electronic displacements of acetophenone derivatives, **46**, 63
— IR spectra of furyl methyl ketoxime isomers, **40**, 431
— NH stretching vibration bands at wave numbers lower than 3000 cm⁻¹ (I) **40**, 317
— see KÖRMENDY, K. **39**, 93
— see KÖRMENDY, K. **39**, 109
— see KÖRMENDY, K. **40**, 333
— see KÖRMENDY, K. **44**, 327
— see HAJÓS, A. **49**, 417
- SOLYMÁR, K.
— see PAPP, E. **24**, 451
— see DOBOS, Gy. **50**, 427
- SOLYMOSI, F.
— application of osmium tetroxide as catalyst, (II) **20**, 295; (III) **20**, 399
— catalysis of solid phase reactions, **34**, 241
— determination of iron(III)cyanide, **16**, 267
— see CSÁNYI, L. J. **13**, 9
— see CSÁNYI, L. J. **13**, 19
— see CSÁNYI, L. J. **13**, 257
— see CSÁNYI, L. J. **13**, 275
— see CSÁNYI, L. J. **15**, 231
— see CSÁNYI, L. J. **17**, 69
— see SZABÓ, Z. G. **25**, 145
— see SZABÓ, Z. G. **25**, 161
— see BATTA, I. **41**, 219
- SOMASUNDARAM, K. M.
— action mechanism of Zimmermann-Reinhardt reagent, **8**, 423
— see SURYANARAYANA, C. V. **19**, 337
— see SURYANARAYANA, C. V. **20**, 231
— see SURYANARAYANA, C. V. **24**, 31
- SOMMER, L.
— spectrophotometry of iron(III) and titanium(IV), **33**, 23

- spectrophotometry of titanium chelates, **18**, 121
- SOMOGYI, Á.
 - synthetic linear polymers, (IX) **33**, 327
- SOMOGYI, L.
 - see BOGNÁR, R. **14**, 407
 - see GERECS, Á. **24**, 73
 - see GERECS, Á. **30**, 95
 - see GERECS, Á. **32**, 371
 - see GERECS, Á. **34**, 113
 - see BOGNÁR, R. **45**, 57
- Soós, L.
 - method of coal petrography, **47**, 67
- ŠORM, F.
 - see SUCHÝ, M. **18**, 479
 - see PODUŠKA, K. **44**, 165
- SOUCHLERIS, I.
 - see THEODOROPoulos, D. **44**, 183
- SOVERAIN, R.
 - report on Codex Alimentarius, **23**, 557
- ŠPAČKOVÁ, A.
 - spectrographic determination of gallium, barium, nickel, cobalt and bismuth, **30**, 341
 - spectrographic determination of mercury and arsenic, **44**, 277
 - see KREJČÍ, E. **38**, 103
- SPÁLENKA, M.
 - polarography in practical metallurgy, **9**, 171
- SPANYÁR, P.
 - biological appraisal of foods, **3**, 395
 - measurement of capsaicin content, **11**, 137
 - polarographic determination of nitrite and nitrate, **11**, 329
 - polarography of substances of biological activity in foods, **9**, 295
- SPITSYN, V. I.
 - application of tracer atoms, **12**, 119
- STALLA, K.
 - see HERMANN, P. **44**, 219
- STANIMIROV, B.
 - see SHOPOV, D. **36**, 371
- STECIAK, T.
 - see MINCZEWSKI, J. **28**, 91
- STECZEK, K.
 - see SZÁNTAY, Cs. **25**, 79
- ŠTEFANEC, J.
 - see ČERNÁK, J. **27**, 87
- STEFANOVIC, D.
 - see RANDIÓ, M. **50**, 287
- STEGLICH, W.
 - see WEYGAND, F. **44**, 19
- STEINGASZNER, P.
 - hydrotreating in lubricating oil stocks, **31**, 195
 - see VARGA, J. **1**, 94
- see VARGA, J. **1**, 146
- see VARGA, J. **10**, 245
- see LÁSZLÓ, A. **31**, 137
- ŠTEMPELOVÁ, D.
 - see HANIC, F. **32**, 309
- STER, L.
 - investigation in sera of silicotic persons, **9**, 443
 - see TIMÁR, M. **9**, 451
- STOLJAROW, K. P.
 - analytical chemistry of ultraviolet spectra, **27**, 359
- STRÁNER, GY.
 - see FÖLDESI, I. **45**, 313
- STRAUB, GY.
 - radiometric titration with ^{110}Ag as indicator, **26**, 267
- STRAUB, J.
 - see ALMÁSSY, GY. **7**, 253
 - see ALMÁSSY, GY. **7**, 317
- STRUBELL, W.
 - *p*-cymene and derivatives, (XXVI) **24**, 475
 - polymerization of methacrylates, **21**, 467
 - polymerization by redox systems, **18**, 467
- STRUPPE, H. G.
 - see HOFMANN, M. **27**, 239
- STRZIZEWSKA, B.
 - see RADWAN, Z. **28**, 49
- SUCHODREV, N. K.
 - excitation condition at spark discharge, **30**, 285
- SUCHY, M.
 - structure of artiopicrine and germacran, **18**, 479
- SUGÁR, I.
 - producing electron-microscopic preparation, **10**, 413
 - structure of silica gels, **7**, 233
- SUNDARAM, K. M. S.
 - surface tension of binary systems, **47**, 167
 - see MUHAMMAD, S. S. **22**, 455
- SURYANARAYANA, C. V.
 - dielectric behaviour of ternary systems, **24**, 31
 - dielectric constant of ternary system 2-propanol-water-toluene, **20**, 231
 - dielectric contribution in phenol-water system, **19**, 337
 - electrical conductance of strong electrolytes, **17**, 327
 - electrical conductance of zinc sulphate solutions, **20**, 91
 - internal pressure of strong electrolytes, **31**, 373
 - partition coefficient of iodine, **11**, 317
 - relation of electrical conductance and

- internal pressure of strong electrolytes, **25**, 341
- relation between internal pressure and viscosity of pure liquids, **29**, 309
 - theory of conductance, **19**, 441
 - viscosity of solutions of silver nitrate and sodium nitrate, **16**, 149
 - viscosity relationship in electrolyte solutions, (II) **16**, 345
 - viscosity variation of strong electrolytes, **16**, 451
 - see SOMASUNDARAM, K. M. **8**, 423
 - see ALAMELU, S. **20**, 339
 - see ALAMELU, S. **21**, 333
- SVOBODA, V.
- spectrochemical analysis of radioactive substances, (I) **32**, 407
- SVEHLA, GY.
- see KHALIFA, H. **41**, 187
- SWERN, D.
- see KAUNITZ, H. **23**, 189
- SWINARSKI, A.
- analytical application of method of potentiometric surfaces, **26**, 381
- SYBILSKA, D.
- see KEMULA, W. **27**, 137
- SYREK, G.
- see BURGER, K. **49**, 113
- SYROMYATNIKOVA, I. F.
- see AVAEVA, S. M. **44**, 223
- SZABADKA, Ö.
- see LÉGRÁDI, L. **42**, 89
- SZABADOS, I.
- see PÉTER, F. **24**, 363
 - see PÉTER, F. **27**, 163
- SZABADVÁRY, F.
- history of acid-base indicators, **20**, 253
 - see ERDEY, L. **4**, 325
 - see ERDEY, L. **6**, 131
 - see ERDEY, L. **8**, 191
 - see ERDEY, L. **13**, 335
 - see BÁNYAI, E. **20**, 307
 - see ERDEY, L. **26**, 211
 - see ERDEY, L. **33**, 387
- SZABÓ, Á.
- radioactive mineral waters in Roumanian People's Republic, **18**, 129
- SZABÓ, D.
- acid-catalized cyclization of phoron, **33**, 425
 - alkaline hydrolysis of capsanthin and capsorubin, **38**, 435
 - mechanism of cyclization of ψ -ionone, (I) **22**, 215; (II) **22**, 389
 - preparation of trimethyl cyclohexenone, **7**, 57
 - see CSÜRÖS, Z. **2**, 33
 - see ALKONYI, I. **12**, 149
 - see ALKONYI, I. **12**, 289
- SZABÓ, E.
- distribution coefficient, dimerization, acidic dissociation and association constant of di-(2-ethylhexyl) phosphoric acid, and association constant of tri-n-butyl phosphate, **48**, 299
 - see FODOR, M. **29**, 1
- SZABÓ, G.
- see DÖRY, I. **19**, 243
 - see DÖRY, I. **20**, 67
 - see DÖRY, I. **24**, 83
 - see DÖRY, I. **30**, 213
- SZABÓ, J.
- mechanism of rearrangement of N-(3,4-dialkoxyphenyl-mercaptopmethyl)-benzamide, **34**, 447
 - preparation of aryl-benzo-(e)-1,3-thiazine derivative (III) **17**, 201
 - see ERDEY-GRÚZ, T. **1**, 46
 - see VINKLER, E. **1**, 103
 - see VINKLER, E. **6**, 323
 - see KLIVÉNYI, F. **6**, 373
 - see VINKLER, E. **12**, 99
 - see VINKLER, E. **15**, 385
 - see KOVÁCS, Ö. K. J. **48**, 129
- SZABÓ, K.
- phosphorus compounds as insecticides, (III) **15**, 201
 - sulphonyl and phosphoryl derivatives of cyclic maleic hydrazide, **15**, 1
- SZABÓ, L.
- see GYENES, I. **16**, 389
 - see ALMÁSY, M. **18**, 273
- SZABÓ, P.
- see LAKY, J. **46**, 246
- SZABÓ, V.
- glycosides of Sophora Japonica, (V) **15**, 103
 - see BOGNÁR, R. **4**, 383
- SZABÓ, Z. G.
- catalysed reduction in analytical chemistry, (I), **1**, 116
 - catalytic decomposition of formic acid, **25**, 145
 - consistency of chemical bond strengths, **22**, 461
 - correlation between electric and catalytic properties of defect conductor oxides, **25**, 161
 - effect of nitric oxide on thermal decomposition of propion aldehyde, (II) **32**, 69; (III) **32**, 81
 - kinetics of oxidation of hydrocarbons, (I) **10**, 387; (II) **10**, 395; (III) **11**, 205; (IV) **11**, 221; (V) **11**, 239; (VI) **11**, 251; (VII) **11**, 263
 - new form of periodic table, **4**, 129
 - reaction of aluminum-morin, (I) **4**, 211
 - solubility of gases and hole theory of liquids, **40**, 275
 - stabilisation of free radicals, **3**, 139

- stannometric determination of nitrate ion, **3**, 231
- wall effect in oxidation of hydrocarbons, **42**, 339
- versatile torsion balance for chemical laboratory, **17**, 393
- see GÁL, D. **16**, 13
- see GÁL, D. **16**, 39
- see LÁNYI, K. **29**, 85
- see LÁNYI, K. **29**, 189
- see BATTA, I. **41**, 219
- see MÁRTA, F. **50**, 263
- SZABOLCS, A.
 - synthesis of Degranol-¹⁴C **43**, 159
- SZABOLCS, J.
 - see CHOLNOKY, L. **22**, 117
 - see SZABÓ, D. **38**, 435
- SZABON, J.
 - see SZABÓ, E. **48**, 299
- SZÁDECZKY-KARDOSS, G.
 - spectrophotometry of germanium, **8**, 241
 - see FERENCZY, Z. **9**, 179
- SZAKÁCS, Ö.
 - slit arrangement for spectrochemical analysis, **39**, 1
 - spectrochemistry in sulphuric acid media, (II) **48**, 193
 - see TÖRÖK, T. **3**, 413
 - see SCHULEK, E. **48**, 185
- SZAKÁTS—PINTÉR, M.
 - see SCHULEK, E. **4**, 457
 - see MAROS, L. **40**, 379
 - see MAROS, L. **41**, 123
 - see MAROS, L. **48**, 161
- SZALAI, L.
 - see SZŐKE, S. **12**, 295
- SZALAY, O.
 - see LÁSZLÓ, A. **42**, 409
 - see NÉMETH, Á. **47**, 385
- SZAMMER, J.
 - see NOSZKÓ, L. **45**, 329
- SZÁNTAY, Cs.
 - reaction of phenolethers, **12**, 83
 - stereoisomers of indolo-quinolizine, synthesis of flavopereirine, **39**, 249
 - synthesis of o'-methyl papaverine and o'-methyl papaveraldine, **25**, 79
 - synthesis of tubulosine, **49**, 427
 - see ZEMPLÉN, G. **4**, 85
 - see ZEMPLÉN, G. **8**, 139
 - see BEKE, D. **12**, 275
 - see BEKE, D. **12**, 283
 - see BEKE, D. **14**, 325
 - see BEKE, D. **21**, 153
- SZÁNTHÓ, V.
 - see FARKAS, L. **19**, 217
- SZÁNTÓ, I.
 - see USHAKOV, S. N. **24**, 343
- SZÁNTÓ, T.
 - see FÖLDI, Z. **25**, 433
- see FÖLDI, Z. **29**, 373
- SZARVAS, P.
 - application of tiron in complex photometry, **26**, 281
 - colorimetric determination of titanium (IV), (III) **7**, 403
 - determination of dissociation constants of protonated chelate complexes, **50**, 279
 - see GERGELY, A. **26**, 313
 - see JARABIN, Z. **26**, 325
 - see KORONDÁN, I. **26**, 335
 - see KELEMEN, I. B. **27**, 261
 - see KORONDÁN, I. **41**, 43
 - see GERGELY, A. **45**, 203
- SZARVAS, T.
 - see MLINKÓ, S. **33**, 107
- SZÁSZ, G.
 - see BRUCKNER, V. **21**, 409
- SZATMÁRY, J.
 - see SCHAY, G. **12**, 299
- SZÁVA, N.
 - utilisation of wax-free crude oil, **31**, 207
- SZEBENI, Sz.
 - see MAROS, L. **48**, 11
- SZEBÉNYI, I.
 - see VARGA, J. **14**, 133
 - see VARGA, J. **16**, 193
 - see LANDA, S. **29**, 237
- SZEBERÉNYI, I.
 - see PÁLYI, Gy. **32**, 387
- SZEGEDI, R.
 - see MIKLÓS, I. **26**, 365
 - see ERDEY-GRÚZ, T. **31**, 407
 - see ERDEY-GRÚZ, T. **32**, 355
 - see ERDEY-GRÚZ, T. **34**, 301
 - see ERDEY-GRÚZ, T. **35**, 29
 - see ERDEY-GRÚZ, T. **35**, 171
 - see ERDEY-GRÚZ, T. **37**, 65
 - see ERDEY-GRÚZ, T. **38**, 325
 - see DÉVAY, J. **42**, 191
 - see DÉVAY, J. **42**, 207
- SZEJTLI, J.
 - acid hydrolysis of alginic acid, **45**, 369
 - acid hydrolysis of dextran, **45**, 153
 - acid hydrolysis of laminarin, **45**, 141
 - periodate oxidation of alginic acid, **49**, 205
 - reaction rate of acid hydrolysis of starch, **46**, 77
 - total hydrolysis of alginic acid, **47**, 301
- SZÉKELY, A.
 - calculation of thermodynamic properties, **5**, 317
 - see RABÓ, Gy. **2**, 273
 - see RABÓ, Gy. **2**, 293
 - see RABÓ, Gy. **2**, 307
 - see VARGA, J. **5**, 443
 - see RABÓ, Gy. **5**, 453
- SZÉKELY, Gy.
 - see SCHAY, G. **5**, 167

- see SCHAY, G. **12**, 309
- see SCHAY, G. **13**, 181
- SZÉKELY, J.
 - see KERTÉSZ, D. **50**, 193
- SZÉKELY, M.
 - purification of potato-apyrase, **1**, 325
- SZÉKELY, T.
 - see LENGYEL, B. **37**, 37
 - see GARZÓ, G. **41**, 269
 - see LENGYEL, B. **44**, 373
 - see FRITZ, D. **45**, 301
- SZEKERES, L.
 - analysis of sulphides and polysulphides, **26**, 167
 - anomalous nitration of *p*-methoxy-propiophenone, **1**, 391
 - determination of alkali hydrogen carbonates in presence of alkali carbonates, **26**, 375
 - see FODOR, G. **1**, 377
- SZEKERKE, M.
 - peptides and polypeptides of melphalan, **44**, 159
 - preparation of cyclic phosphoric acid diamide monoester and phosphoric acid monoamide diester, **46**, 379
 - synthesis of cyclic N-lost derivatives from β -substituted serines, **47**, 231
 - synthesis of di- and oligopeptides, **41**, 337
 - see BRUCKNER, V. **34**, 93
- SZELECZKY, W.
 - petroleum processing in VEB LEUNA-Werke, **36**, 223
- SZELKE, M.
 - see BODÁNSZKY, M. **11**, 179
- SZÉLL, T.
 - see GERECS, Á. **3**, 459
 - see ALMÁSSY, GY. **14**, 241
 - see KISS, P. **14**, 295
- SZÉPE, I.
 - see BENEDEK, P. **14**, 339
 - see BENEDEK, P. **14**, 353
 - see BENEDEK, P. **14**, 359
- SZEPESI, K.
 - see BUZÁGH, A. **5**, 285
- SZEPESY, L.
 - adsorption of gases and gas mixtures, (I) **35**, 37; (II) **35**, 53; (III) **35**, 245; (IV) **35**, 433; (V) **37**, 71
 - chromatographic apparatus for gas analysis, **27**, 303
 - gas chromatography of petroleum products, **31**, 223
 - removing the contamination from carbon dioxide, **42**, 53
 - see FREUND, M. **14**, 3
 - see BENEDEK, P. **14**, 19
 - see BENEDEK, P. **14**, 31
 - see BENEDEK, P. **14**, 339
- see BENEDEK, P. **14**, 353
- see SIMON, P. **27**, 311
- see SIMON, J. **27**, 321
- SZIGETVÁRY, G.
 - see SCHAY, G. **12**, 309
- SZILÁGYI, A.
 - processing of brown coal tar, **15**, 365
- SZINNYEI, É.
 - see FÖLDI, Z. **33**, 147
- SZITA, J.
 - see HARDY, GY. **15**, 339
- SZOLCSÁNYI, P.
 - see MOHILLA, R. **50**, 497
- SZOLNOKI, J.
 - Csűrös, Z. **33**, 341
- SZONNTAGH, J.
 - polarography of gallium, **9**, 99
- SZŐKE, J.
 - hydroxochelates, **30**, 459
 - physico-chemical interpretation of pre-absorption band of 8-oxyquinoline, **35**, 179
- SZŐKE, S.
 - calculation of force field, **47**, 173
 - force constants of diatomic molecules, **41**, 325
 - force constants . . . of pyridine-N-oxide, **48**, 343
 - quantitative determination of amino-acids, **12**, 295
 - see VARSÁNYI, GY. **34**, 411
- SZŐNYI, J.
 - see BUZÁGH, A. **3**, 379
- SZŐNYI, S.
 - see HALÁSZ, I. **8**, 143
 - see SCHAY, G. **13**, 181
- SZŐR, P.
 - thermoelasticity of soft rubber, **1**, 403
 - viscoelasticity of rubber like high polymers, (I) **8**, 57; (II) **8**, 75; (III) **8**, 97; (IV) **8**, 103; (VI) **30**, 245
 - see SCHAY, G. **2**, 317
 - see DESSEWFFY, O. **7**, 393
 - see SCHAY, G. **8**, 115
 - see BARTHA, Z. **33**, 359
- SZÜCS, M.
 - correlation between structure and effectiveness of binding stuffs, **35**, 309
- SZYNAGEL, P.
 - determination and separation of individual hydrocarbons in gasolines, **37**, 227
- SZYSZKO, H.
 - see NOWICKA-JANKOWSKA, T. **33**, 135
- TAKÁCS, J.
 - see ERDEY, L. **39**, 295
 - see ERDEY, L. **41**, 37

- TAMÁS, J.
 — density of electrolytes, **40**, 117
 — determination of ion transference numbers, (I) **48**, 309
 — diffusion of $H_2^{18}O$ molecules, (I) **38**, 225; (II) **49**, 377
 — see LENGYEL, S. **32**, 429
 — see LENGYEL, S. **37**, 279
 — see GERCELY, J. **39**, 423
 — see LENGYEL, S. **40**, 125
- TAMÁSI, Z.
 — effect of gamma and X-ray on properties of motor fuels, **31**, 235
- TAMCHYNA, J.
 — correlation of organic compounds with physiologic action **12**, 209
- TANÁCS, B.
 — see KUCSMAN, Á. **34**, 87
- TANCSA, A.
 — see BALLA, B. **40**, 245
- TASCHNER, E.
 — application of N-protected aminoacids to peptide synthesis, **44**, 11
 — formation of peptide bonds, **44**, 67
 — see VAJDA, T. **44**, 45
- TÁTRAALJAI, Á.
 — see MARTON, J. **21**, 375
- TAUBIG, E.
 — see GÄRTNER, K. **27**, 215
- TÄUFEL, K.
 — physiological aspects of citric acid, **21**, 219
- TEGZE, M.
 — titration with polarized electrodes, **3**, 391
 — see OPLATKA, GY. **2**, 383
 — see OPLATKA, GY. **2**, 427
- TEICHMANN, B.
 — reactions with brominated dicarboxylic acids, (I) **41**, 331; (II) **41**, 435; (III) **42**, 269; (IV) **42**, 275; (V) **46**, 241
 — structure of dehydroascorbic acid, **49**, 311
- TEISINGER, J.
 — polarography in industrial toxicology, **9**, 435
- TELCS, I.
 — see NAGY, F. **21**, 397
 — see NAGY, F. **25**, 193
 — see NAGY, F. **37**, 295
- TELEGDI, L.
 — see CSÁKVÁRI, B. **45**, 31
- TELEKI, P.
 — see IRING, M. **35**, 281
- TEMKINA, V. YA.
 — see LASTOVSKII, R. P. **32**, 229
- TEPLÁN, I.
 — preparation of glycine-2- ^{14}C **34**, 109
 — preparation of labelled DL-tyrosine, **34**, 105
 — see BÁNFI, D. **35**, 213
- TÉSY, M.
 — see ERDEY, L. **15**, 65
- TÉTÉNYI, P.
 — adsorptive and catalytic properties of nickel, (I) **40**, 387; (II) **41**, 383; (III) **42**, 227; (IV) **42**, 325; (V) **43**, 387; (VI) **45**, 101
 — kinetics of catalytic dehydrogenation of hydroaromatic compounds, (I) **28**, 375; (II) **29**, 35; (III) **29**, 199; (IV) **34**, 335; (V) **35**, 419; (VI) **40**, 145; (VII) **40**, 157; (VIII) **50**, 129
 — kinetic method for determining of adsorption coefficients, **22**, 247
 — see SCHÄCHTER, K. **46**, 229
- TETTAMANTI, K.
 — boiling-point function of n-paraffin hydrocarbons, **50**, 145
 — extraction method using immobilized phase, (I) **16**, 379; (II) **17**, 353
- THEODOROPOULOS, D.
 — synthesis of structures related to cytochrome-C **44**, 183
- THILLIEZ, G.
 — determination of gold in minerals, **32**, 315
- THILO, E.
 — condensed phosphates, **12**, 221
- THOMSON, S. J.
 — see TÉTÉNYI, P. **34**, 335
- TICHÝ, M.
 — see SICHER, J. **18**, 461
- TILL, F.
 — see FRITZ, D. **45**, 301
- TIMÁR, M.
 — polarography of mucoproteins, **9**, 451
- TISSIER, CL.
 — see PARIAUD, J. CH. **26**, 355
- ȚIȚEA, S.
 — see NENITZESCU, C. D. **12**, 195
- TODES, O. M.
 — thermal expansion of crystals, (II) **22**, 111
- TOKÁR, G.
 — determination of halogens in organic bond, (II) **15**, 375
 — preparation and thermal decomposition of aluminum alcoholate chlorohydrate complexes, (I) **15**, 291
- TOKÁR, G.
 — reaction of benzaldehyde with chloroaluminum isopropylate, **19**, 83
 — reagent for titration in non-aqueous media, (II) **25**, 313
 — see GÁL, GY. **6**, 365
 — see GÁL, GY. **7**, 421
 — see GÁL, GY. **8**, 163
 — see SIMONYI, I. **10**, 217
 — see SIMONYI, I. **15**, 285

- see SIMONYI, I. 15, 297
 - see SIMONYI, I. 25, 305
 - see SIMONYI, I. 26, 495
- TOLDY, L.**
- investigation of antituberculous agents, (I) 4, 303
 - phenothiazine derivatives, (I) 14, 203; (II) 19, 273; (IV) 42, 351; (V) 43, 253; (VI) 44, 301
 - piperazine derivatives, (I) 49, 265
 - studies on tomatidine, (I) 16, 403; (II) 16, 411
 - synthesis of antihistamines, (II) 15, 265
 - see VARGHA, L. 4, 345
 - see HORVÁTH, T. 14, 197
 - see KRAUT, M. 15, 19
 - see VARGHA, L. 19, 295
 - see VARGHA, L. 25, 361
- TOMAN, É.**
- see LECHNER, Á. 28, 231
- TOMASZ, J.**
- see BRUCKNER, V. 22, 443
 - see BRUCKNER, V. 23, 405
- TOMCSÁNYI, L.**
- see GÖRÖG, S. 47, 121
- TOPERCZER, J.**
- see LENGYEL, B. 45, 177
- TORKOS, L.**
- see KÖRMENDY, K. 40, 333
- TÓTH, A.**
- apparent volume of centrifuged precipitates, (III) 16, 251
- TÓTH, B.**
- preparation of carrier-free radioactive isotopes, (I) 29, 447
 - yeast fermentation of waste sulphite liquors, 47, 431
- TÓTH, G.**
- enzymatic synthesis of gallic acid derivatives, 2, 209
- TÓTH, GY.**
- see MOLNÁR, F. 19, 75
- TÓTH, I.**
- see KUNCZ, A. 13, 385
 - see TOLDY, L. 19, 273
 - see TOLDY, L. 42, 351
 - see TOLDY, L. 43, 253
 - see TOLDY, L. 44, 301
 - see TOLDY, L. 49, 265
- TÓTH, J.**
- determination of heat of adsorption, 22, 331
 - determination of specific surface of adsorbents, (I) 48, 27; (II) 48, 57
 - gas adsorption on solid surfaces of inhomogeneous activity, (I) 30, 415; (II) 31, 393
 - gas adsorption on solid surfaces of inhomogeneous activity, (III) 32, 39; (IV) 33, 153; (V) 38, 233; (VI) 39, 331
- see GRÁF, L. 13, 403
- TÓTH, K.**
- derivatography of synthetic zeolites, (I) 37, 371; (II) 45, 87
 - see PUNGOR, E. 41, 239
 - see PUNGOR, E. 48, 17
- TÓTH, T.**
- see SCHNEER—ERDEY, A. 44, 267
- TÖKE, L.**
- see SZÁNTAY, Cs. 39, 249
- TÖLGYESSY, J.**
- automatic radiometric titration, 26, 179
 - evaluation of paper chromatogram, 26, 273
 - see JESENÁK, V. 32, 397
 - see BRAUN, T. 46, 35
 - see BRAUN, T. 49, 131
- TÖMÖRKÉNY, E.**
- see BODÁNSZKY, M. 11, 179
- TÖRÖK, F.**
- vibrational spectrum of trimethylsilyl group, 47, 329
 - see PULAY, P. 41, 257
 - see PULAY, P. 44, 287
 - see PULAY, P. 45, 123
 - see PULAY, P. 47, 273
- TÖRÖK, G.**
- definition and process of dehydration and drying, 23, 279
 - structure of pectins and mechanism of gelation, 3, 173
- TÖRÖK, L.**
- see CSÜRÖS, Z. 50, 63
- TÖRÖK, T.**
- accordance of theoretical and practical correlation of I-transformation, 41, 155
 - application of I-transformation, 41, 97
 - "blank value" of contaminants of auxiliary electrodes in spectrographic analysis, 49, 11
 - dependence of χ -constant of P-transformation on blackening, 30, 11
 - dependence on wavelengths of χ -constant of P-transformation, 29, 273
 - determination of impurity in aluminum, 1, 289
 - determination of copper traces in nutrient media of penicillin, 3, 413
 - device for the transformation of blackening in spectrographic analysis, 8, 373
 - evaluating device for spectral analysis, 10, 357
 - perspective of automatic optical and X-ray spectroanalytical devices, 33, 39
 - quantitative evaluation of emission spectra, 41, 143
 - role of Schwarzschild-effect, 50, 23
 - semi-automatic, analogue computer for evaluating of spectral analysis, 24, 143

- spectroscopy for material's investigation, **19**, 51
- spectrography of aluminum, **2**, 347
- see WESZPRÉMY, B. **19**, 357
- see ZIMMER, K. **22**, 183
- see ZIMMER, K. **22**, 199
- see ZIMMER, K. **22**, 255
- TÖRÖK, T.
 - see ZIMMER, K. **22**, 265
 - see ZIMMER, K. **22**, 373
 - see ZIMMER, K. **22**, 383
 - see ZIMMER, K. **24**, 1
 - see ZIMMER, K. **24**, 111
 - see ZIMMER, K. **25**, 1
 - see ZIMMER, K. **25**, 13
 - see ZIMMER, K. **28**, 59
 - see SCHULEK, E. **48**, 185
 - see SZAKÁCS, O. **48**, 193
- TRAU, E.
 - thermic decomposition of secondary lead orthophosphate, **18**, 387
- TRIDOT, G.
 - determination of thiotungstate and thiomolybdate ions by spectrophotometry, **34**, 179
- TRIFONOV, A.
 - polymerization of allyl furyl acrylate, **18**, 487
- TRISCHLER, F.
 - see GÖRÖG, S. **26**, 437
- TROMMER, E.
 - see RÖLLIG, H. E. **32**, 159
- TROMPLER, J.
 - see SCHULEK, E. **4**, 393
 - see SCHULEK, E. **4**, 405
 - see PUNGOR, E. **4**, 411
 - see PUNGOR, E. **4**, 417
 - see PUNGOR, E. **4**, 423
 - see SCHULEK, E. **4**, 429
 - see SCHULEK, E. **4**, 444
- TROMPLER, J.
 - see PUNGOR, E. **8**, 323
 - see PUNGOR, E. **13**, 243
 - see SCHULEK, E. **26**, 157
 - see SCHULEK, E. **49**, 339
- TRUFFERT, L.
 - see JANS, V. **23**, 603
- TURCSÁNYI, B.
 - chemistry of free radicals, (IV) **50**, 293
 - organic molecular compounds, (II) **43**, 63
 - see TÜDÖS, F. **32**, 375
- TUZSON, J.
 - see TUZSON, P. **2**, 15
- TUZSON, P.
 - alkaloids of solanum, (II) **12**, 31
 - lysergic acid in colorimetry of *Secale cornutum* alkaloids, **2**, 15
 - see BITE, P. **17**, 241
 - see MAGYAR, GY. **17**, 249
- TÜDÖS, F.
 - chemistry of free radicals, (II) **33**, 433; (III) **45**, 245
 - inhibition of polymerization of styrene, **24**, 91
 - kinetics of radical polymerization, (I) **43**, 397; (II) **44**, 403
 - organic molecular compounds (I) **32**, 375
 - rate of dissociation of tetraphenylhydrazine, **34**, 61
 - thermal polymerization of styrene (I) **15**, 389; (II) **15**, 401; (III) **15**, 409; (IV) **15**, 417; (V) **15**, 441
- TÜDÖS, F.
 - see KIRÁLY, J. **29**, 409
 - see IRING, M. **35**, 281
 - see IRING, M. **37**, 419
 - see IRING, M. **37**, 453
 - see FÖLDES-BEREZHNIH, T. A. **42**, 149
 - see TURCSÁNYI, B. **43**, 63
 - see TURCSÁNYI, B. **50**, 293
- TÜDÖS, H.
 - see ÖTVÖS, L. **43**, 53
- UJHIDY, A.
 - see NÁDASY, M. **32**, 377
- UJSZÁSZI, J.
 - see OSZTROVSZKY, A. **27**, 285
- ÚJSZÁSZY, K.
 - see TAMÁS, J. **49**, 377
- ULRICH, R.
 - action of cold on fruits and vegetables, **23**, 425
- UPOR, E.
 - determination of minute content of thorium, **37**, 1
 - separation of traces of elements, (I) **50**, 5
 - separation of uranium, **28**, 287
 - see JURCSIK, I. **35**, 225
- UPOR—JUVANCZ, V.
 - see ÖRDÖGH, M. **26**, 253
- USHAKOV, S. N.
 - investigation on crosslinked polymers, (I) **24**, 343
- USKERT, A.
 - dinitrophenyl ethers of sterols and amino-sterols, **35**, 107
 - see TETTAMANTI, K. **16**, 379
 - see TETTAMANTI, K. **17**, 353
- USKERT, E.
 - see OROSZ, F. **49**, 291
- VÁGÓ, Á.
 - see RÁSKAI, B. **39**, 465
- VÁGÓ, E.
 - see GROFCSIK, J. **11**, 357
- VÁGÓ, GY.
 - autoxidation of plant oils in leather manufacture, **20**, 367

- paper chromatography of synthetic tanning agents, **10**, 169
- VAJASDY, I.
 - see ERDEY-GRÚZ, T. **29**, 47
 - see ERDEY-GRÚZ, T. **30**, 29
 - see ERDEY-GRÚZ, T. **30**, 431
 - see ERDEY-GRÚZ, T. **32**, 363
 - see ERDEY-GRÚZ, T. **34**, 301
 - see ERDEY-GRÚZ, T. **35**, 265
 - see ERDEY-GRÚZ, T. **37**, 53
 - see ERDEY-GRÚZ, T. **37**, 251
 - see ERDEY-GRÚZ, T. **39**, 77
 - see ERDEY-GRÚZ, T. **40**, 289
- VAJDA, M.
 - IR spectroscopy of isobenzpyrylium salts, **40**, 217
 - preparation of 1-aryl-isobenzpyrylium salts, **40**, 295
 - UV absorption of 1-aryl-isobenzpyrylium salts, **40**, 225
- VAJDA, T.
 - anomalous reactions of carbobenzoxy amino acids, **44**, 45
 - conversion of aspartic acid into poly-aspartic acid, **16**, 215
 - fission of peptide bonds, **21**, 71
 - synthesis of polypeptides, **46**, 221
 - see BRUCKNER, V. **6**, 209
 - see KOVÁCS, K. **21**, 445
 - see KOVÁCS, K. **29**, 245
- VAJDA—BRAUN, M.
 - photometry of molybdenum (VI), **27**, 441
- VAJNA, S.
 - behaviour of sugar juice on cation exchanger, **1**, 196
 - purifying of industrial gases, (I) **2**, 163; (II) **6**, 45
- VAJTA, L.
 - chemical structure and usefulness of bitumens, **46**, 391
 - development of petroleum industry in Hungary, **36**, 95
 - distillation of mazut in presence of radioactive isotopes, **25**, 459
 - lubricating oils of two-stroke gasoline engines, (I) **24**, 19; (II) **24**, 125; (III) **24**, 245; (IV—V) **24**, 371
 - relation between durability and chemical composition of bitumens, **50**, 407
 - see VAJTA—KRÁLIK, Zs. **31**, 243
- VAJTA, S.
 - see VAJTA, L. **50**, 407
- VAJTA—KRÁLIK, Zs.
 - rheological investigation of Hungarian bitumens, **31**, 243
 - see VAJTA, L. **46**, 391
- VÁMOS, E.
 - adsorption chromatography of alkyl-poly-methacrylates, **27**, 335
 - exchange chromatography of fatty acids, **27**, 347
- modified "analysis of content" of lubricating oils, **31**, 257
- paper thermal diffusion, **27**, 193
- processing of reduced crude, **31**, 267
- stability tests of lubricating greases, **36**, 417
- see GUBA, F. **25**, 85
- see BOR, GY. **26**, 429
- see GUBA, F. **31**, 101
- see MÓZES, GY. **37**, 191
- VAN DEN DRIESSCHE, S.
 - see DESCHREIDER, A. R. **23**, 313
- VÁNDOR, J.
 - decarbonylation of furfural, **3**, 169
 - diffusion through porous membranes, (I) **6**, 33
 - physico-chemical properties of binary mixtures, (I) **6**, 1; (II) **6**, 15
- VÁNDORFFY, T. M.
 - see ERDEY, L. **35**, 381
 - see ERDEY, L. **37**, 17
 - see KÁNTOR, T. **48**, 209
- VÁRADY, J.
 - ring isomerization of isoflavone glycosides, (II) **48**, 181
 - see MESSMER, A. **15**, 183
 - see FARKAS, L. **20**, 169
 - see FARKAS, L. **24**, 225
 - see FARKAS, L. **32**, 103
 - see FARKAS, L. **32**, 109
 - see FARKAS, L. **33**, 179
 - see FARKAS, L. **33**, 183
 - see FARKAS, L. **38**, 283
 - see FARKAS, L. **41**, 441
- VÁRDI, P.
 - see LINDNER, K. **11**, 151
- VARGA, A.
 - see SOLYMOSI, F. **20**, 295
 - see SOLYMOSI, F. **20**, 399
- VARGA, E.
 - see ZOLLNER, É. **12**, 1
- VARGA, I. S.
 - preparation of polyvinyl alcoholate of *p*-aminosalicylic acid, **41**, 431
- VARGA, J.
 - active centers of chromia-alumina catalysts, **1**, 146
 - catalytic hydrogenation of sulphur compounds, **14**, 133
 - contact surface and activity of catalysts, **1**, 94
 - conversion of natural gases into synthesis gas, **3**, 209
 - decomposition of mineral oils, **10**, 245
 - desulphurization of gas oils distillates, **14**, 43
 - hydrosulphurization of cracked gas oil distillate, **16**, 193
 - promoters of dehydrogenation catalysts, **1**, 137

- thermal stability of sulphur compounds, **14**, 125
 - utilisation of asphaltic mineral oils, **5**, 443
 - see HARDY, GY. **40**, 419
 - see FARKAS, L. **40**, 457
- VARGA, K.
- investigation on frontal gas chromatography, (IV) **47**, 23
 - see VAJTA, L. **25**, 459
 - see BEYER, H. **47**, 13
- VARGA, P.
- see VÁGÓ, GY. **20**, 367
- VARGHA, É.
- see NYILASI, J. **14**, 113
- VARGHA, L.
- investigation of antituberculous agents, (II) **4**, 345
 - necrologue and bibliography of Müller, A. **49**, 319
 - preparation of 3β -oxy- Δ^5 -cholenic acid and Δ^5 -pregnen- 3β -ol-20-one, **8**, 303
 - stereospecific conversion in furyl-2-ketoxime series, **19**, 143
 - synthesis and biological activity of diphenyl and indane derivatives, **5**, 111
 - synthesis of chromone derivatives, **3**, 223
 - synthesis of sugar derivatives, (III) **19**, 295; (IV) **19**, 307; (V) **25**, 361;
 - see TOLDY, L. **4**, 303
 - see NÓGRÁDI, T. **6**, 287
 - see HORVÁTH, T. **14**, 197
 - see KRAUT, M. **15**, 19
 - see TOLDY, L. **15**, 265
 - see TOLDY, L. **19**, 273
 - see KASZTREINER, E. **32**, 473
 - see FEHÉR, Ö. **37**, 443
 - see KASZTREINER, E. **38**, 137
 - see SOHÁR, P. **40**, 431
 - see FEHÉR, Ö. **50**, 371
- VARSAŃYI, F.
- see BARDÓCZ, Á. **7**, 1
- VARSAŃYI, GY.
- absorption spectra of saturated vapour mixtures, **14**, 397
 - analysis of absorption spectra, **13**, 347
 - band contours of infrared vapour spectra of dihalogenobenzene, **25**, 255
 - characteristic normal vibrations of benzene derivatives, (I) **50**, 225; (II) **50**, 237
 - IR spectra of dinitrotoluenes, (I) **41**, 309
 - IR spectra of monosubstituted pyridine compounds, **43**, 205
 - near ultraviolet absorption spectra of 1,3- and 1,4-deuterochlorobenzene, **15**, 115
 - normal vibrations and normal frequencies of vinyl chloride, (I) **34**, 411; (II) **35**, 61
 - ultraviolet absorption spectra of diphenyl sulphone and benzene sulphonic acid, **3**, 243
 - ultraviolet absorption spectra of saturated vapour mixtures for determination of the solution's composition, **5**, 255
 - vibrational forms of vinyl bromide, **43**, 315
 - see SCHAY, G. **15**, 273
 - see CSÜRÖS, Z. **19**, 181
 - see TÜDÖS, F. **33**, 433
 - see BILLES, F. **35**, 147
 - see SOHÁR, P. **40**, 431
- VAS, K.
- detection of organic acids, by partition chromatography, **1**, 335
 - effect of culture, on glucose fermenting ability, **1**, 210
 - microfermentation, **1**, 207
 - stability of fruit juices, **3**, 339
 - study on pectolysis, **3**, 165
- VASÁROS, L.
- separation of ^{32}P from elementary sulphur, **42**, 181
- VEČEĽA, M.
- deflagration in organic micro analysis, **26**, 511
- VECSERNYÉS, L.
- determination of trace impurities in silicon tetrachloride, **28**, 111
 - spectrochemical investigation of zinc sulphide, **21**, 123
- VÉGH, A.
- in memory of Elemér Schulek, **41**, 5
- VEIBEL, S.
- basic strength of 3-amino-5-pyrazolones, **18**, 493
- VENKATESAN, V. K.
- see SURYANARAYANA, C. V. **11**, 317
 - see SURYANARAYANA, C. V. **16**, 149
 - see SURYANARAYANA, C. V. **16**, 339
 - see SURYANARAYANA, C. V. **16**, 345
 - see SURYANARAYANA, C. V. **16**, 451
 - see SURYANARAYANA, C. V. **17**, 327
 - see SURYANARAYANA, C. V. **19**, 441
- VENKATESWARA RAO, N.
- see GOPALA RAO, G. **26**, 489
- VERESKŐI, J.
- see BOGNÁR, J. **5**, 91
 - see BOGNÁR, J. **5**, 105
- VERMES, B.
- see FARKAS, L. **42**, 393
- VÉRTES, A.
- see LENGYEL, S. **37**, 279
 - see LENGYEL, S. **39**, 357
 - see GERGELY, J. **39**, 423
- VÉRTES, GY.
- see NAGY, F. **34**, 35
 - see BERECH, E. **39**, 437

- VESELÝ, V.
— see BAXA, J. **37**, 147
- VIEWEG, H. G.
— see LEIBNITZ, E. **36**, 27
- VIGH, K.
— qualitative analysis of cations, by ring oven technique, **41**, 67
— see ERDEY, L. **4**, 259
— see ERDEY, L. **7**, 293
— see ERDEY, L. **11**, 73
— see ERDEY, L. **26**, 85
— see ERDEY, L. **26**, 93
- VIGH—SOMOGYI, A.
— see ZOMBORY, L. **3**, 519
- VIGVÁRI, M.
— see ALMÁSSY, GY. **11**, 1
— see ALMÁSSY, GY. **20**, 243
- VINKLER, E.
— attempted synthesis of β -alanine, **1**, 103
— bimolecular reduction of benzene-sulphochloride, (I) **1**, 319
— confirmation of sulphenic anhydrides and esters of thiosulfinic acid, **11**, 15
— mechanism of hydrolysis of aromatic sulphenyl chloride, **22**, 345
— preparation of aryl-benzo-(e)-1,3-thiazine derivatives, **12**, 99
— production of aromatic thiosulphonic esters and disulphides, (I) **5**, 159; (II) **7**, 307
— production of aryl-benzo-(e)-1,3-thiazine derivatives, **6**, 323
— reaction of thiosulphonic acids ester with Grignard reagent, **16**, 247
— reduction mechanism of aromatic sulphochlorides, **15**, 385
— structure of aromatic thiosulphonic esters, **4**, 271
— structure of cystine disulphoxide, **30**, 233
— see KLIVÉNYI, F. **6**, 373
— see SZABÓ, J. **17**, 201
— see SZABÓ, J. **34**, 447
— see KLIVÉNYI, F. **46**, 357
- VISCO, S.
— food preservation by various form radiating energies, **23**, 445
- VIZESY, M.
— see LÁNG, L. **4**, 1
- VOGEL, J.
— see HAERDI, W. **26**, 105
- VOGLER, K.
— synthesis of polymyxin B₁ **44**, 143
- VOLFORD, J.
— see KÖRMENDY, K. **32**, 115
— see KÖRMENDY, K. **32**, 121
— see KÖRMENDY, K. **39**, 93
- VOLKE, J.
— polarography of N-containing heterocyclic compounds, **9**, 223
- VOLKOVÁ, V.
— pharmaceutical application of polarography, **9**, 247
- VOROBYOV, V.
— determination of m- and p-cresol by paper chromatography, **32**, 337
- VOSIK, V. F.
— see KLEBANSKY, A. L. **21**, 41
- VÖLKER, H. J.
— see KEIL, G. **36**, 359
- VUKOV, K.
— examination of pectin and dextran, **13**, 71
— see OPLATKA, GY. **1**, 215
- VYDRA, F.
— analytical application of 1,10-phenanthroline, **28**, 297
- WADE, R.
— see SZEKERKE, M. **44**, 159
- WADEWITZ, S.
— transformation of blackening values, **31**, 319
- WAGNER, H.
— see HÖRHAMMER, L. **40**, 309
— see HÖRHAMMER, L. **40**, 463
- WAHL, P.
— products of decomposition by heat of sugars, **23**, 159
- WAINERDI, R. E.
— automatic and computer-coupled nuclear activation analysis, **50**, 33
- WALDHAUSER, I.
— see KONCZ—DÉRI, M. **16**, 71
- WALTER, G.
— see EWERS, N. **36**, 431
- WANSHEIDT, A. A.
— radical polymerization, (I) **20**, 261; (II) **20**, 381
- WASIK, S. P.
— see PURNELL, J. H. **50**, 201
- WAŚOWICZ, S.
— see MINCZEWSKI, J. **33**, 51
- WEHNER, K.
— desulfurization and refining of gasoline and jet fuel, **36**, 289
- WEIN, J.
— acyl migration of ephedrine derivatives, **17**, 189
— synthesis of ephedrine bases by Reformatsky reaction, **17**, 181
- WEISSER, O.
— see LANDA, L. **29**, 237
- WEISZ, E.
— see BODÁNSZKY, M. **11**, 179
- WELKER, J.
— see KAUFMAN, H. **36**, 131

- WELTNER, M.
 — derivative thermogravimetry, (II) **21**, 1
 — derivatographic investigation of black coals, **31**, 449
 — derivatography of combustion of coals, **43**, 89
 — derivatography of extraction process of coal, **44**, 345
 — derivatography of oxidation of coals, **47**, 311
 — see PAULIK, F. **16**, 159
 — see BÁTOR, B. **43**, 99
- WESSELY, F.
 — structure of peptides, **13**, 141
- WEST, PH. W.
 — analytical significance of coordination chemistry, **34**, 143
- WESZPRÉMY, B.
 — boron spectroscopic determination in aluminum, **19**, 357
- WEYGAND, F.
 — CF₃ containing protecting group, **44**, 19
 — reaction between diazoketones and sulphenyl chlorides, **18**, 59
- WIEG, A.
 — see HOLLÓ, J. **13**, 307
- WIELAND, TH.
 — protecting group in peptide chemistry, **44**, 5
- WIENIAWSKI, W.
 — see BOGNÁR, R. **33**, 415
- WIERZBOWSKI, J.
 — see JANICKI, J. **23**, 483
- WILHEIM, GY.
 — see FODOR, G. **2**, 183
 — see FODOR, G. **2**, 189
- WILHEIM, I.
 — see PAUNCZ, R. **11**, 63
- WINDHOLZ, M.
 — see GERECS, Á. **3**, 459
 — see GERECS, Á. **4**, 123
 — see GERECS, Á. **5**, 183
 — see GERECS, Á. **8**, 295
 — see GERECS, Á. **13**, 231
 — see GERECS, Á. **14**, 333
 — see GERECS, Á. **14**, 417
 — see GERECS, Á. **16**, 363
- WINGERTER, K. H.
 — C₈ aromatics in reformat of gasoline, **37**, 177
- WITTIG, G.
 — syntheses with N-ylides and P-ylenes, **12**, 347
- WÓJCİK, J.
 — see BERAK, J. M. **50**, 163
- WOJTCZAK, J.
 — see SWINARSKI, A. **26**, 381
- WOLKÓBER, Z.
 — see VARGA, I. S. **41**, 431
- WROŃSKI, M.
 — mercurimetry of sulphur compounds, **28**, 303
- WÜNSCH, E.
 — synthesis of glucagon, **44**, 173
- YANISHEVSKAYA, V. M.
 — see BOZHEVOL'NOV, E. A. **32**, 199
- YASNIKOV, A. A.
 — see SHILOV, E. A. **21**, 63
- YOUNG, G. T.
 — contribution to racemization, **44**, 43
 — see BEAUMONT, S. M. **44**, 37
- ZÁDOR, GY.
 — see ALMÁSSY, GY. **32**, 255
- ZAGRODSKY, S.
 — advances in food preservation, **23**, 439
- ZAHN, H.
 — problems of insulin synthesis, **44**, 109
- ZAKAR, P.
 — characteristic values of bitumen, **31**, 281
 — comparison of Nagylengyel bitumen to foreign ones, **31**, 291
 — see VÁMOS, E. **31**, 267
- ZALAI, A.
 — hydrocracking in oil refining, **31**, 301
 — see VARGA, J. **1**, 137
 — see VASVÁRI, K. **14**, 237
 — see HAIDEGGER, E. **19**, 23
- ZALAY, E.
 — see CSÜRÖS, Z. **1**, 66
 — see ERDEY, L. **12**, 251
 — see ERDEY, L. **15**, 65
- ZANKER, V.
 — spectroscopy and photochemistry of 9-halogen acridines, **40**, 45
- ZAPP, E. É.
 — see PUNGOR, E. **7**, 185
 — see PUNGOR, E. **10**, 179
 — see PUNGOR, E. **25**, 133
 — see PUNGOR, E. **27**, 69
- ZAUNER, K.
 — see LEMPERT, K. **47**, 391
 — see LEMPERT, K. **50**, 303
- ZÁVADA, J.
 — see HORÁK, V. **21**, 97
- ZAYED, S. M. A. D.
 — see ABOULEZZ, A. F. **42**, 41
- ZECH, K.
 — see CSÜRÖS, Z. **1**, 66
 — see CSÜRÖS, Z. **1**, 83
- ZECH, S.
 — see CSÜRÖS, Z. **1**, 83
- ZELLE, A.
 — see FIJAKOWSKI, J. **30**, 321
- ZEMPLÉN, G.
 — acetates of pentoses, **12**, 141
 — attempts to synthesis of salicyloyl-

- populin and salicyloyl-salicin, **19**, 285
- bibliography of **19**, 121
 - configuration of formazanes, **2**, 25
 - direct preparation of β -acetochloroglucose, **4**, 73
 - effect of nitro-group on formation of formazan and tetrazolium, **7**, 455
 - glucosides of p-methoxy-benzaldehyde-thiosemicarbazone, **8**, 139
 - partial acylation of fisetol and ω -oxy-phloroacetophenone, (I) **8**, 133; (II) **13**, 99
 - preparation of 4,6-diamino-tetraoxybenzene, **4**, 85
 - preparation of formazanes, **2**, 9
 - preparation of nitriles, **14**, 89
 - reducing power of pentaoxypimelinic acid derivatives, **4**, 161
 - separation of pyrocatechol, **13**, 397
 - structure of acetone-trioxy-cyclohexanone, **4**, 151
 - structure and synthesis of isocarthamidine, **14**, 471
 - structure and synthesis of scutellarein, **16**, 445
 - sulphurein synthesis, (I) **12**, 259
 - synthesis of disaccharides, **4**, 79
 - synthesis of genistein, **19**, 277
 - synthesis of glucogenkwanin, **10**, 369
 - synthesis of isobetuloside, **1**, 108
 - synthesis of melibiose and allolactose, **1**, 245
 - synthesis of 1,2,3,5-tetraoxy-benzene (I) **3**, 487
 - synthesis of polyoxychromones, (II) **22**, 449
- ZENTAI, P.
— see TÖRÖK, T. **30**, 11
- ZHUZE, A. L.
— see SHCHUKINA, L. A. **44**, 205
- ZIEBARTH, D.
— see TEICHMANN, B. **49**, 311
- ZIMMER, K.
— determination of itransformaton constants χ , **28**, 59
- sparking-off effect (I) **22**, 183; (II) **22**, 199; (III) **22**, 255; (IV) **22**, 265; (V) **22**, 373; (VI) **22**, 383; (VII) **24**, 1; (VIII) **24**, 111; (IX) **25**, 1; (X) **25**, 13
- see TÖRÖK, T. **29**, 273
- see TÖRÖK, T. **41**, 97
- see TÖRÖK, T. **50**, 33

ZIMMERMAN, J. E.
— see ANDERSON, G. W. **44**, 51

ZIMMERMANNOVÁ, H.
— see PODUŠKA, K. **44**, 165

ZOLOTOV, Y. A.
— coordination number of central atom in chelate compounds, **32**, 327

ZOMBORY, L.
— determination of Na_2O by electroanalytical Papp method, **4**, 181
- quick determination of sulphate, **3**, 519

ZÖLD, E.
— see LENGYEL, S. **3**, 13

ZÖLLNER, É.
— effect of bromides in bromatometric processes, **12**, 1

ZÖLLNER, GY.
— ethylation of aniline, **20**, 321
- preparation of ethylaniline, **13**, 283
- see MARTON, J. **21**, 375
- see KARLINSZKY, L. **40**, 445

ZSINDELY, S.
— see MAROS, L. **35**, 137

ZSUPÁN, K.
— production of oxytetracycline, **27**, 451

ZUMAN, P.
— polarography of vitamins, **9**, 279
- steric effects in organic polarography, **18**, 141

ZUTSHI, K.
— polarography of Zn^{2+} , **46**, 91

SUBJECT INDEX

- absorption bands,**
 - overlapping calculation of position and extinction coefficients of **45, 13**
- absorption curves,**
 - decomposition of, **25, 25**
- absorption spectra,**
 - analysis of **13, 347**
 - of inorganic co-ordination complexes, (II) **19, 459**
 - of poly-rylen and poly-antheene series, **11, 63**
 - of saturated vapour mixtures, **14, 397**
- acacetins,**
 - glycosides of, **42, 393**
- acetaldehyde,**
 - determination of, in presence of methanol ethanol and formaldehyde, **41, 123**
- acetaldehyde,**
 - slow and cold-flame oxidation of, **16, 39**
- acetate,**
 - iodometry of, **5, 33**
- acetic acid,**
 - paper chromatography of, **33, 251**
- acetic anhydride,**
 - investigation of reaction mechanism, (I) **24, 321**; (II) **24, 327**; (III) **43, 53**
 - quick determination of, **26, 437**
- β -acetochloroglucose,**
 - direct preparation of, **4, 73**
- acetone,**
 - direct production of, (I) **24, 271**; (II) **24, 283**; (III) **24, 385**; (IV) **24, 399**; (V) **25, 33**
- acetone-trioxy-cyclohexanone,**
 - structure of, **4, 151**
- acetophenone,**
 - electronic displacements of derivatives of, **46, 63**
- acetyl group,**
 - iodometry of, **5, 33**
- O-acetyl-monose-2,4-dinitrophenyl-hydrazones,**
 - structure and ring stability of, **47, 221**
- acetyl-sulphanilyl-hydrazide,**
 - decomposition of, **2, 183**
- acetyl-sulphanilyl-thiosemicarbazide,**
 - decomposition of, **2, 183**
- acetylene,**
 - catalytic hydration of, **21, 375**
- acid-base indicators,**
 - history of, **20, 253**
- acid-base reactions,**
 - choice of analytical applicability of, **32, 29**
- acridines,**
 - spectroscopy and photochemistry of 9-halogen, **40, 45**
- activators,**
 - homogenous of H_2 molecule, (I) **38, 213**; (II) **38, 373**; (III) **46, 101**; (IV) **46, 136**
- active hydrogen,**
 - range of activity, **34, 469**
- active sites**
 - determination of, on electrodes, **34, 35**
- activation,**
 - analysis of, with polarograph, **26, 229**
- activation energies,**
 - of chlorine **18, 17**
- acylation,**
 - by methane sulphonyl (mesyl) group, (I) **3, 305**; (II) **5, 299**; (III) **20, 415**
- acyl migration,**
 - of ephedrine derivatives **17, 189**
- N-acyl sulphyllimines,**
 - IR absorption of, **40, 75**
 - UV spectroscopy of, **50, 325**
- adamantan,**
 - derivatives and homologues of, **31, 123**
- additives,**
 - preparation of, **31, 53**
- adhesion,**
 - of oil films, on metal surfaces, **3, 1**
- adhesion force,**
 - of quartz particle, **1, 182**
- adiabatic reactions,**
 - rate correlations of, (I) **24, 197**; (II) **25, 243**

- adrenaline,**
 - synthesis of, (II) 1, 149
- adsorbents,**
 - determination of specific surface of, (I) 48, 27; (II) 48, 57
- adsorption,**
 - of gas mixtures (I) 12, 299; (II) 12, 309
 - of components of binary liquid mixtures, 10, 281
 - of gas, in flow systems, 5, 167
 - of ions, on silver iodide surface 12, 265
 - of thiocyanate ions during titration of iodide, 17, 113
- adsorption coefficients,**
 - kinetic method for determining of, 22, 247
- adsorption indicator processes,**
 - influence of organic solvents on, 7, 361
- adsorption isotherm,**
 - coincidence of, 14, 315
 - determination of, 11, 381
 - statistical derivation of, 3, 511
- adsorption waves,**
 - investigation on, (I) 24, 63
- ajmaline,**
 - preparation of derivatives of, (I) 38, 47
- alanine,**
 - catalytic deamination of copper complex of, 17, 265
- β -alanine,**
 - attempted synthesis of, 1, 103
- alcohol,**
 - gas chromatography of association equilibria of, 49, 57
 - preparation of, (III) 18, 273
 - synthesis of, from olefins, 3, 177
- alcohol effect,**
 - flame photometry of, 28, 125
- aldehydes,**
 - analysis of, (I) 17, 369; (II) 19, 473
 - aromatic, separation of, 13, 103
 - hydrogenation of, 46, 247
- aldose-2,4-dinitrophenylhydrazones,**
 - conversion of, 30, 95
- alginic acid,**
 - acid hydrolysis of, 45, 369
 - periodate oxidation of, 49, 205
 - total hydrolysis of, 47, 301
- alkali compounds,**
 - thermoreaction of, 3, 301
- alkali cyanides,**
 - determination of, in non aqueous medium, 38, 303
- alkali halides,**
 - viscosity of aqueous solutions of, 40, 125
- alkali hydrogen carbonates,**
 - determination of, in presence of alkali carbonates, 26, 375
- alkali metals,**
 - data to flame photometry of, 10, 179
 - flame photometry of, 7, 185
- alkali perchlorates,**
 - reduction and conversion of, 3, 289
- alkaline glycine solutions,**
 - oxidation of, 22, 313
- alkaloids,**
 - of poppy (*Papaver rhoeas*) 18, 457
 - quantitative oscillographic polarography of, 9, 273
 - of solanum, (II) 12, 31
- alkenyl siliconorganic compounds,**
 - bond structure of, 47, 189
- alkylchlorosilanes,**
 - direct synthesis of, (I) 39, 27; (II) 39, 33; (III) 45, 31
- N-alkyl-phthalimide,**
 - ω -substituted derivatives of, 39, 391
- alkyl-poly-methacrylates,**
 - adsorption chromatography of, 27, 335
- alkyl pyridines,**
 - reaction of, 19, 205
- allolactose,**
 - synthesis of, 1, 230
- allyl alcohol,**
 - copolymerisation of, 29, 207
- allyl furyl acrylate,**
 - polymerization of, 18, 487
- allylphenol,**
 - derivatives of, 47, 199
- alternating current,**
 - amperometric titration with, 9, 145
 - calculation of corrosion effect of, 47, 185
 - calculation of corrosive effect of, 45, 37
 - corrosive effect of, on metal surfaces, 43, 17
 - effect of, on corrosion of steel surface, 44, 385
 - effect of, on corrosion of zinc 46, 325
 - effect of, on zinc surfaces, 42, 255
 - effect of, on electrolytic corrosion of steel, (I) 42, 191; (II) 42, 207; (III) 42, 243
 - effect of, on polarized electrodes, 41, 295
 - effect of, on sulphuric acid, (I) 13, 201
 - influence of, on electrode potential, 50, 167
 - influence of, on oscillographic curve, 46, 23
 - influence of, on steel corrosion 46, 97
 - mathematical investigation on effect on corrosion of, (I) 43, 25; (II) 44, 397; (III) 45, 119
- aluminate liquors,**
 - determination of organic content in, 35, 137
- aluminum,**
 - determination of impurity in, 1, 289

- spectrography of, 2, 347
- aluminum alcoholates,**
 - preparation and thermal decomposition of chlorohydrate complexes of, (I) 15, 291; (II) 15, 297
 - theory of halogen-containing, 37, 329
- aluminum alloys,**
 - polyrography of, 27, 113
- aluminum chloride,**
 - molecular weight of anhydrous, 21, 397
- aluminum complexes,**
 - kinetic investigation of, 27, 69
- AlF₃**
 - crystal structure of, 32, 309
- aluminum halogen alcoholates,**
 - in Meerwein-Ponndorf-Verley reduction, (I) 7, 421; (II) 8, 163; (III) 10, 217
- γ -Al₂O₃**
 - preparation of, 14, 237
- aluminum-morin,**
 - reaction of, (I) 4, 211; (II) 4, 223
- amines,**
 - pickling liquor sparing effect of, 20, 215
- amino acid,**
 - application of N-protected, to peptide synthesis, 44, 11
 - metal complexes of, (I) 21, 235; (II) 21, 343; (III) 30, 221; (IV) 34, 229; (V) 35, 465; (VI) 38, 261; (VII) 42, 27
 - paper chromatography of, 4, 231
 - phenyl derivatives of, (X) 49, 405
 - quantitative determination of, 12, 295
- aminoacid dipeptides,**
 - microanalysis of, 26, 443
- aminoacid-metal complexes,**
 - paper chromatography of, 7, 465
- aminoacid tripeptides**
 - microanalysis of, 26, 443
- aminoacyl,**
 - incorporation in peptides of, 44, 93
- 1,2-aminoalcohols,**
 - configurational correlation of pharmacologically active, (I) 1, 377; (II) 1, 385
- N-(ω -aminoalkyl)-isoindolines,**
 - preparation of, 43, 141
- aminocarbonols,**
 - heterocyclic pseudobasis, chemistry of, (XIV) 21, 153
- 2-amino cyclohexanols,**
 - configuration of diastereoisomeric, 1, 130
- aminodiacylhydrazine,**
 - kinetics of rearrangement 44, 81
- DL- α -amino dicarboxylic acids,**
 - synthesis of, 46, 85
- 3-amino-4-hydroxyphenyl arsenous acid,**
 - iodometry of, 5, 121
- 4-amino-4'-methoxy-diphenylamine,**
 - as a colorimetric reagent, 6, 131
 - oxydation products of, 20, 307
- 3-amino-5-pyrazolones,**
 - basic strength of, 18, 493
- p-aminosalicylic acid,**
 - preparation of polyvinyl alcoholate of, 41, 431
- aminosterols,**
 - dinitrophenyl ether of, 35, 107
- ammonia,**
 - titrimetric determination of, 7, 333
- ammonium hexachloroplatinate,**
 - decomposition of, (I) 25, 205; (II) 25, 219
- amperometric titration,**
 - in analysis of pharmaceutical preparations, 9, 265
- analysis,**
 - in ultraviolet light, (I) 19, 433; (II) 20, 103; (III) 20, 193
 - use of precipitate exchange reactions in, (I) 8, 383; (II) 8, 395; (III) 8, 409; (IV) 13, 453
 - induced reactions in, 26, 29
 - kinetic method in, 26, 17
 - role of routinism in, 26, 325
- analytical reactions,**
 - investigation of, 32, 281
- $\Delta^{1,4}$ androstadiene-3,17-dione,**
 - derivatographic investigation of, 46, 373
- $\Delta^{1,4,6}$ androstatriene-3,17-dione,**
 - derivatographic investigation of, 46, 373
- anhydrous tetrahydrofurane,**
 - voltammetry in, 32, 191
- aniline,**
 - ethylation of, 20, 321
- anions activity,**
 - determination of, (I) 41, 239
- anode masses,**
 - production of, 20, 433
- anthranilic acid,**
 - chromatometric determination of, 44, 267
- anthrax polypeptide,**
 - structure of, 12, 363
- anthrone-anthranol,**
 - fluorescence-spectrometric investigation of equilibrium, 40, 9
- antihistamines,**
 - synthesis of, (I) 15, 19; (II) 15, 265
- antioxidants,**
 - metal dialkyldithiophosphate type, 36, 381
- antituberculous agents,**
 - investigation of, (I) 4, 303; (II) 4, 345; (III) 6, 287

- apparent volume,**
 - of centrifuged precipitates, (II) 7, 259; (III) 16, 251
- aqueous ionic solutions,**
 - structure of, 37, 87
- aqueous oxido-reductive systems,**
 - voltammetric study of, 32, 207
- aqueous solutions,**
 - structure of, 37, 319
- arginine,**
 - contribution to protecting groups of, 44, 31
 - novel protection of guanidino group of, 43, 147
 - protection of guanidino group of, 44, 23
- aromatic compounds,**
 - condensed, theory of, 4, 333
- aromatic galactosides,**
 - correlation of optical rotation and dissociation constants of, 42, 263
- aromatic hydrocarbons,**
 - chromatographic separation of, 31, 17
 - determination of, by UV spectrophotometry, 48, 261
 - spectra of, 2, 131
- C₇—C₉ aromatic hydrocarbons,**
 - identification of, by gas liquid chromatography, 37, 137
- aromatic sulphenyl chlorides,**
 - mechanism of hydrolysis of, 22, 345
- aromatics,**
 - from brown coal and petroleum, in GDR 36, 183
- aromatization,**
 - by platinum catalysts, 18, 157
- arsenic,**
 - determination of, by activation analysis, 50, 111
 - spectrographic determination of, 44, 277
- artiopirine,**
 - steric structure of, 18, 479
- aryl-alkyl-carbinols,**
 - investigation on, 6, 191
- aryl-benzo-[c]-1,3-thiazine,**
 - production of derivatives of, (I) 6, 323; (II) 12, 99; (III) 17, 201
- N-arylglycosylamines,**
 - reaction of, 12, 115
- 1-aryl-isobenzpyrylium,**
 - reaction of salts of, with ammonia, 50, 387
- 1-aryl-isobenzpyrylium salts,**
 - preparation of, 40, 295
 - UV absorption of, 40, 225
- 5-aryl-oxazolidines,**
 - synthesis and conformations of, 10, 1
- 1-aryl-1-propenes,**
 - addition reaction of, 38, 129
- arylsulphonyl thioureas,**
 - formation of, 13, 111
- ascorbic acid,**
 - as measuring solution in iodimetry, 5, 235
 - polarographic determination of, 1, 351
- ascorbinometry,**
 - use of end point indication by high frequency in, (I) 35, 381; (II) 37, 17
- aspartic acid,**
 - conversion of, into poly-aspartic acid, 16, 215
- asphaltic mineral oils,**
 - utilisation of, 5, 443
- asphalts,**
 - composition of, 15, 325
- associated mixtures,**
 - thermodynamical properties of, 35, 147
- astrablue,**
 - use of, as indicator in cerimetry, 10, 51
- atomic emissions,**
 - by flame photometry, (I) 13, 235
- aurone,**
 - glucosides of, (IX) 44, 341
- autoignition,**
 - in flowing system, 42, 409
- automatic optical devices,**
 - perspective of, 33, 39
- automotive crankcase oils,**
 - comparison of properties of, in European and North American continents, 36, 301
- autoxidation,**
 - of iodine in solutions of mercury(II) salts, 17, 1
- autoxidized cottonseed oil,**
 - influence of, on rats, 23, 189
- autoxidized lard,**
 - influence of, on rats, 23, 189
- azido-compounds,**
 - synthesis and reactivity of, (I) 28, 389; (II) 29, 119; (V) 34, 7
- azo-compounds,**
 - structure of, 35, 199
- back-scattering factor,**
 - energy dependence of, 21, 51
- barbituric acids,**
 - basic, preparation of, 18, 395
- barium,**
 - flame photometry of minute amounts of, 22, 65
 - spectrophotographic determination of, 30, 341
- barium sulphate,**
 - composition of precipitated, 4, 97
 - derivatography and electronmicroscopy of precipitates of, (II) 41, 109
 - derivatography of precipitates of, (I) 38, 311

- batch,
 - problems of production of, 36, 391
- bauxites,
 - derivatography of, 21, 205
- benzaldehyde,
 - condensation of, with benzyl cyanide, 33, 341
 - reaction of, with chloro-aluminum isopropylate, 19, 83
- benzazepines,
 - (I) 50, 403
- benzazoles,
 - (I) 43, 263; (III) 49, 303
- benzene,
 - electronic spectra of disubstituted derivatives of, 42, 15
 - light absorption of, 39, 39
 - ultraviolet light absorption of mono-substituted, 22, 397
- 1-benzene-azo-N-phenyl-2-naphthylamine chelate,
 - electronic structure of, (I) 38, 393; (II) 46, 195
- benzene derivatives,
 - characteristic normal vibrations of, (I) 50, 225; (II) 50, 237
- benzene-sulphochloride,
 - bimolecular reduction of, (I) 1, 319
- benzene sulphonic acid,
 - ultraviolet absorption spectra of, 3, 243
- benzene sulphonylurethane,
 - derivatives of, (I) 29, 85; (II) 29, 189
- benzo-dihydrothiadiazinedioxides,
 - bromination of, 38, 147
- α -benzofuryl ketoximes,
 - Raman spectra of, 15, 273
- 1,12-benzoperylene,
 - bond length of, 3, 261
- 3,1,4 H-benzoxazine-4-ones,
 - kinetics of transformation of, (IV) 40, 235; (V) 48, 77
- 1-benzoyl- β -D-glucose tetraacetate,
 - correlation between optical rotatory power and structure of, 37, 467
- 1-benzoyl-2,3,4,6-tetraacetyl- β -D-glucose,
 - preparation of derivatives of, 33, 455
- beryllium,
 - polarography of, 22, 225
- beryllium sulphate,
 - hydrates of, 34, 203
- beta isotopes,
 - measurement of low energy, 47, 343
- β -particle radiation,
 - use of, in pharmaceutical analysis, 26, 259
- bibliography,
 - of VARGA, J. 19, 322
 - of ZEMPLÉN, G. 19, 121
- Bi(III)-DCTA,
 - stability constants of complexes 50, 155
- Bi(III)-EDTA,
 - stability constants of complexes of, 50, 155
- binary liquid mixtures,
 - adsorption of, (I) 39, 365
- binary mixtures,
 - physico-chemical properties of, (I) 6, 1; (II) 6, 15
 - liquid, ebullioscopic behaviour of, 8, 171
- binary systems,
 - gas chromatography of vapour-liquid equilibria of, 49, 71
 - surface tension of, 47, 167
- binding stuffs,
 - correlation between structure and effectiveness of, 35, 309
- bis-(N-methylsalicylaldimine)-nickel(II),
 - magnetic properties of, 34, 389
- bis-Ni(II)-salicylaldoxime,
 - absorption spectra of, 32, 343
- bismuth,
 - determination of, 28, 143
 - spectrographic determination of, 30, 341
- bitumen,
 - changes of composition of, 36, 451
 - characteristic values of, 31, 281
 - chemical structure and usefulness of, 46, 391
 - composition of, 15, 325
 - relation between durability and chemical composition of, 50, 407
- black coal,
 - derivatographic investigation of, 31, 449
 - structure of, 12, 35
- blackening values,
 - transformation of, 31, 319
- blown asphaltic bitumina,
 - production of, from petroleum residues, 37, 213
- boiling points,
 - investigation of, 28, 311
- bond energy,
 - of hydrogen, determination of, 40, 37
- bond lengths,
 - of poly-rylen and poly-anthene series 11, 63
- bond polarity,
 - calculation of, 39, 53
- bonding strength,
 - of C—O—C bonds, 6, 191
- boric acid,
 - flame photometry of, (II) 13, 39
 - thermoreaction of, 3, 301
- borides,
 - of high melting point, 18, 35

- boron,**
 - determination of, by spectroscopy in aluminum **19**, 357
 - photometry of, (I); **28**, 223; (II) **28**, 231
- boron compounds,**
 - vibration spectra of, **45**, 123
- borotrifluoride,**
 - determination of, **50**, 63
- brandy,**
 - paper chromatography of, **27**, 285
 - shortening the maturing time of, **23**, 419
- brasilin,**
 - as an acid-base indicator, **11**, 359
- brilliant yellow,**
 - as indicator, in argentometric titration, **5**, 91
- bromanylic acid,**
 - in analytical chemistry, **4**, 245
- bromatometric processes,**
 - effect of bromides in, **12**, 1
- bromine chloride,**
 - addition of, to unsaturated organic compounds, **22**, 99
- bromoacetic ester,**
 - quaternary adducts of, **3**, 497
- N-bromoalkyl phthalimide,**
 - with alkali formed product of, (I) **32**, 115; (II) **40**, 333
- N-bromosuccinimide,**
 - halogen addition by, (I) **42**, 47; (II) **46**, 255; (III) **49**, 287
- brown coal tars,**
 - processing of, **15**, 365
- brucin,**
 - determination of, by polarography and oscillopolarography, **16**, 351
- butadiene,**
 - synthesis of, from ethyl alcohol, **50**, 163
- n-butene,**
 - kinetics of isomerisation of, **39**, 183
- cadmium cyanide,**
 - solubility of, **41**, 291
- cadmium thiocyanate,**
 - solubility of, **41**, 291
- calcium,**
 - determination of, in alumina, **7**, 155
 - determination of, by indirect polarography, **11**, 171
 - determination of, with use of iodanylic hemiether, **10**, 99
 - microdetermination of, **4**, 235
 - titration of, by "Eriochromered B" indicator, **15**, 163
- calcium alkali silicate,**
 - heat of immersion of, **30**, 445
- calcium- and magnesium-bearing rocks,**
 - processing of, by ion exchangers, **32**, 255
- calculation,**
 - about sugar-heat campaign, **2**, 65
 - approximate, of critical pressures of liquids, **11**, 271
- camphor-thiourea clathrate,**
 - X-ray powder diffraction pattern of, **48**, 23
- capillary electrodes,**
 - spectrographic properties of, (I) **48**, 203
- capillary gas chromatograph,**
 - application of, to quantitative analysis, **27**, 205
- capillary viscosimeters,**
 - automatic timing device for, **31**, 385
- capsaicin,**
 - measurement of, **11**, 137
- capsanthin,**
 - alkaline hydrolysis of, **38**, 435
- capsorubin,**
 - alkaline hydrolysis of, **38**, 435
- carbides,**
 - of high melting point, **18**, 35
- carbobenzoxy amino acid,**
 - anomalous reactions of, **44**, 45
- carbobenzoxy- β -cyano-L-alanine,**
 - racemization during coupling of, **44**, 71
- carbobenzyloxy group,**
 - semimicro and microdetermination of, **37**, 239
- N-carbobenzyloxy group,**
 - microdetermination of, **42**, 317
- carbohydrates,**
 - paper chromatography of, **38**, 55
- C¹⁴-carbon,**
 - gas analysis of, **33**, 107
- carbon dioxide,**
 - determination of, in water, **33**, 59
 - quick determination of, **26**, 459
 - removing the contaminations from, **42**, 53
- carbon monoxide,**
 - determination of traces of, in carbon dioxide, **28**, 171
 - oxidation of, **18**, 291
- carbon paste electrode,**
 - voltammetric behaviour of silver at, **45**, 257
 - voltammetric properties and analytical uses of, **45**, 163
- caro's acid,**
 - catalytic properties of cerium(IV) and cerium(III) ions in decomposition of, **34**, 383
- carotenoid pigments,**
 - investigation on, (I) **6**, 143; (III) **16**, 227
- carotenoids,**
 - blue derivatives of, **15**, 35

- catalysed reduction,**
— in analytical chemistry, (I) 1, 116
- catalyst,**
— contact surface and activity of, 1, 94
— electron microscopic examination of, 49, 165
— for hydrogenation processing of petroleum, 36, 279
— investigation on, (VI) 1, 22; (VII) 1, 168; (VIII) 1, 359; (IX) 1, 417; (X) 2, 33; (XI) 2, 213; (XII) 2, 459; (XIII) 7, 199; (XIV) 10, 193; (XV) 8, 283; (XVI) 14, 95; (XVII) 14, 381; (XVIII) 16, 91; (XIX) 16, 301; (XXIV) 17, 289; (XXV) 17, 309; (XXVI) 17, 419; (XXVII) 17, 439; (XXVIII) 19, 165; (XXIX) 19, 181; (XXX) 19, 221; (XXXI) 19, 379; (XXXII) 20, 129; (XXXIII) 22, 73; (XXXIV) 22, 87; (XXXV) 29, 99
— investigation on, (XXXVI) 29, 321; (XXXVII) 29, 351; (XXXVIII) 29, 419; (XXXIX) 30, 461; (XL) 42, 131; (XLI) 43, 271; (XLIII) 43, 297
- catalytic analysis,** (I) 29, 21; (II) 29, 131; (III) 29, 139; (IV) 29, 251; (V) 29, 261; (VI) 29, 383; (VII) 29, 395; (VIII) 35, 13; (IX) 35, 23
- catalytic combustion reactors,**
— analysis of peak loads of, 16, 103
- catalytic hydrogen,**
— polarographic waves of, (I) 25, 293; (II) 30, 407
- catalytic hydrogenation,**
— kinetic investigation of, (I) 25, 99; (II) 25, 177; (III) 25, 193; (IV) 37, 295; (V) 49, 243
- catalytic properties,**
— of combination of nickel and aluminum oxides, 18, 45
- catalytic protein waves,**
— evaluation of, 9, 335
- cathode nickel,**
— spectrography of, (I) 30, 329; (II) 30, 335
- cathodic protection,**
— potential and current requirements of, 38, 151
- cations,**
— qualitative analysis of, by ring oven technique, 41, 67
- cellulose,**
— polarographic determination of methylenblue number of, 9, 59
— regenerated, fibres formation of, 18, 205
- ceramic products,**
— role of crystal structure in manufacture of, 50, 485
- ceramical chromatography,**
— investigation on, 37, 261
- cereais,**
— vitamin B content of, 23, 179
- cerium,**
— colorimetry of, 26, 347
- cesium,**
— flame photometric determination of, 30, 375
— separation of radioactive, by chromatography, 33, 309
- cetylmethacrylate,**
— polymerisation of, 32, 253
- charge current,**
— effect of, on mercury electrodes, 29, 147
- chelate complexes,**
— absorption of, (I) 14, 141; (II) 13, 49
- chelate compounds,**
— coordination number of central atom in, 32, 327
- chelating agents,**
— highly selective reagents among multidentate, 32, 223
- chelatology,**
— of glass surfaces, 26, 295
- chemical bond strengths,**
— consistency of, 22, 461
- chemical bonds,**
— degree of polarity of, (II) 20, 1; (III) 20, 115; (IV) 21, 293
- chemical induction,**
— problems of, 38, 1
- chemical operation,**
— optimisation of, 35, 361
- chemical reactions,**
— role of, in analysis, 32, 271
- chemical reactors,**
— dynamic modelling of, (I) 50, 497
- chloramphenicol,**
— investigations on, (I) 5, 13; (II) 6, 381; (III) 8, 271
- chloramphenicol,**
— investigations on, (IV) 10, 239; (V) 15, 175; (VI) 16, 461; (VII) 17, 449; (VIII) 21, 131; (IX) 21, 255; (X) 24, 411
— polarography of, 9, 471
- chloride,**
— argentometric titration of, with eosin indicator, 5, 105
— radiometric determination of trace amounts of, 40, 17
- chlorine,**
— activation energies and entropies of, 18, 17
- chlorite,**
— oxidizing agent in volumetric analysis, 32, 133
- p-chlorobenzyl esters,**
— use of, in peptide synthesis, 44, 33

- p-chloro-carbobenzoxy-aminoacids,**
 - preparation of (I) 24, 301; (II) 24, 309
- p-chloro-carbobenzoxy-peptides,**
 - preparation of, (I) 24, 301; (II) 24, 309
- 4-chloro-5-nitro-veratrole,**
 - experiments with, 42, 41
- chromatographic apparatus,**
 - for gas analysis, 27, 303
- chromatographic separation,**
 - of aromatic hydrocarbons, 31, 17
- chromatography,**
 - mathematics of discontinuous models of, 49, 365
 - on prepared adsorbent in liquid phase, 35, 391
 - theory of gas fronts, 17, 377
 - use of gas-liquid, 50, 201
- chromia-alumina catalysts,**
 - active centers of, 1, 146
- chromium,**
 - determination of, in pure aluminum, 11, 277
 - determination of small amounts of, 49, 123
 - photometric determination of, 13, 335
 - photometry of, 4, 289
- chromium(III),**
 - iodometric determination of, 4, 457
 - titrimetric microdetermination of, 8, 1
- chromium(VI),**
 - reduction of, (I) 29, 283; (II) 41, 231
 - titrimetric microdetermination of, 8, 1
- chromone,**
 - derivatives, synthesis of, 3, 223
- chronometric analysis,**
 - determination of metal traces by, (I) 26, 77
- cinchona bases,**
 - configurations of, 16, 185
- circulin B,**
 - synthesis of, 44, 155
- ¹⁴C isotope,**
 - measuring of, 49, 173
- citric acid,**
 - determination of, in fermentation, 26, 413
 - physiological chemical aspects of, 21, 219
- coal,**
 - derivatography of combustion of, 43, 89
 - derivatography of extraction process of, 44, 345
 - derivatography of oxidation of, 47, 311
 - effect of ash content on heat of combustion of, 35, 301
 - oxidation of, 37, 339
- coal petrography,**
 - method of, 47, 67
- coal processing,**
 - separation of by-products of, 30, 255
- cobalt,**
 - carbonyl complexes of, (I) 8, 335; (II) 12, 57
 - determination of traces of, 26, 105
 - spectrographic determination of, 30, 341
- Co(III)**
 - reduction of complexes of, (I) 33, 77; (II) 33, 399
- cobalti complexes,**
 - light absorption of, 12, 73
- codex alimentarius,**
 - report on, 23, 557
- coffee,**
 - dehydration of, 23, 393
- colloids,**
 - influence of freezing temperature on properties of, (I) 10, 427; (II) 10, 447
- combustion processes,**
 - quantitative analysis of, 47, 385
- complex compounds,**
 - correlation between "isoelectric point" and stability of, 4, 227
 - light absorption of, (I) 17, 225
 - polarography of, 9, 363
- complex formation,**
 - distinguished points of function of, 20, 285
 - polarography of, 49, 151
- complex forming compounds,**
 - preparation of, 21, 327
- complexometric titration,**
 - with radiometric end point detection, 41, 199
- complexones,**
 - applicability in analytical chemistry, 32, 229
- complexonits membrane electrodes,**
 - electrochemical behaviour of, 50, 77
- component transfer,**
 - combined with chemical reaction at liquid-liquid interface, 48, 105
- computer Elliott 803 B,**
 - crystallographic computing on, (I) 40, 53; (II) 40, 63; (III) 40, 175; (IV) 40, 185
- computers,**
 - use of, in petroleum industry researches, 31, 9
- concentration,**
 - determination of, 14, 107
 - spectroscopic determination of, 41, 373
- conductance,**
 - theory of, 19, 441
- Congress of Analytical Chemistry Budapest,**
 - april 24—29, 1961. 26, 27,
- conhydrine,**
 - configuration of, 18, 461

- p*-conhydrine,
 - configuration of, 18, 461
- constellation,
 - analysis of, 18, 27
- coordination chemistry,
 - analytical significance of, 34, 143
- copper,
 - determination of oxygen content in, 34, 167
 - electrochemical studies of corrosion of, (I) 34, 455
 - separation of, by paper chromatography, 14, 249
 - determination of, traces of, in nutrient media of penicillin, 3, 413
- copper complexes,
 - derivatography of, 37, 359
- copper formate,
 - paramagnetic momentum of, 13, 107
- copper(III) periodate complex,
 - oxidizing action of, 21, 247
- copper salts,
 - flame photometric properties of, (I) 13, 1
- copper-spark method,
 - for analysis of radioactive solutions, 30, 321
- copper sulphate,
 - viscosity of solution of, 21, 333
- corrosion,
 - anaerobic, microbiological, mechanism of, (I) 25, 65; (II) 33, 221
- cotarnine,
 - structure of derivatives of, p. I. 11, 295; p. II. 11, 303; p. III. 11, 309; p. IV. 11, 349
- coulometric titration,
 - radiometric end-point determination of, 46, 35
- counter-current furnaces,
 - heat balance calculation of, 42, 73
- counter electrode,
 - role of, in spark tests, (I) 33, 1; (II) 28, 33; (III) 28, 41
- coupling methods,
 - general discussion of, 44, 101
- m*- and *p*-cresol,
 - determination of, by paper chromatography, 32, 337
- critical pressure,
 - correlation of, with number of atoms, 34, 217
- critical temperatures,
 - approximate calculation of, of liquids, 32, 97
- crotocine,
 - isolation and structure of, (I) 45, 323
 - unit cell and space group of, 37, 313
- crotocol,
 - unit cell and space group of, 37, 313
- crude oil,
 - de-salting of, 31, 165
 - utilisation of wax-free, 31, 207
- crude wax,
 - obtained from neutral oil, composition of, 31, 85
- crudes,
 - composition of polish, 37, 163
- cryoscopy,
 - in camphor solution, 26, 503
- crystallochemistry,
 - of metal corrosion, 18, 297
- crystals,
 - thermal expansion of, (I) 2, 175; (II) 22, 111
- culture,
 - effect of, on glucose fermenting ability, 1, 210
- $\text{Cu}(\text{NH}_3)_2\text{CO}_3$,
 - crystal structure of, 32, 305
- curake-like compounds,
 - preparation of, (III) 2, 369; (IV) 3, 71
- cut back asphaltic bitumina,
 - rapid ageing test of, 36, 431
- cut-backs,
 - in road building, 31, 183
- cyanamides,
 - hydrogenation of, 5, 375
- cyanate,
 - reactions of, with amino and hydroxyl groups, 44, 197
- cyanide,
 - macro and micro determination of, 48, 11
- cyanocomplexes,
 - light absorption mechanism of, 14, 225
- cyanogen bands,
 - spectrochemical method for the elimination of the interfering effect of, 5 43
- cyanogen chloride,
 - titrimetric determination of, 41, 105
- cyclic ethers,
 - catalytic and thermic conversions of, 38, 115
- cyclic phosphoric acid,
 - preparation of diamide monoester of, 46, 379
- β -cyclogeraniolene,
 - synthesis of, 12, 149
- cyclohexanone oxime,
 - acyl derivatives of, 1, 66
 - sulphuric acid ester of, 1, 66
- cyclopentane,
 - conformation of, 25, 425
- p*-cymene,
 - and derivatives, (XXVI) 24, 475

- cystine,
 - polarography of, 27, 87
- cystine disulphoxide,
 - structure of, 30, 233
- cytochrome-C,
 - synthesis of structures related to, 44, 183
- daxim,
 - [1,3-dimethyl-alloxan-imide(4)-oxime(5)] application of, in analytical chemistry, (II) 26, 305
- defect conductor oxides,
 - correlation between electric and catalytic properties of, 25, 161
- deflagration,
 - in organic micro analysis, 26, 511
- degranol-¹⁴C,
 - synthesis of, 43, 159
- dehydration,
 - definition and process of, 23, 279
- dehydroascorbic acid,
 - structure of, 49, 311
- dehydrocyclization,
 - on metal catalysts, (I) 49, 395
- dehydrogenation,
 - cyclizing, with tribromophenol bromine, 15, 183
- density,
 - of water, in electrolytes, 3, 13
- depsipeptides,
 - conformational study of, 44, 211
- derivative thermogravimetry,
 - analytical investigation with, 13, 117
 - of lignites, (I) 16, 159; (II) 21, 1
 - theory and practise of, 10, 61
- derivatography,
 - investigation on, 26, 143
- 2-desoxy-2-bromo-3,4-diacetyl-D-xylose,
 - reaction of, with 4-nitro-phenylhydrazine, 34, 119
- desulphurization,
 - continuous, of gases, 18, 181
 - of gas oil distillates, 14, 43
- detergents,
 - from alkyl aryl sulphonates, 18, 245
- D₂O,
 - vapor pressure of solid, 47, 379
- 1,3-deuterochlorobenzene,
 - near ultraviolet absorption spectra of, 15, 115
- 1,4-deuterochlorobenzene,
 - near ultraviolet absorption spectra of, 15, 115
- dewaxing products,
 - from mineral oil, 16, 51
- dextran,
 - acid hydrolysis of, 45, 153
 - examination of, 13, 71
- diacridylum salts,
 - N-alkylated, preparation of, 21, 83
- N-(3,4-dialkoxyphenyl-mercaptomethyl)-benzamide,
 - mechanism of rearrangement of, 34, 447
- dialkylphenoldithiophosphate,
 - lubricating oil additives, 42, 173
- 1,2-diaminocyclo-hexane tetraacetic acid,
 - reduction of metal complexes of, 49, 217
- 4,6-diamino-tetraoxybenzene,
 - preparation of, 4, 85
- diamines,
 - investigation of acylated geminal, (I) 38, 123; (II) 43, 155
- α , β -diaryl- β -aminopropionic acids,
 - preparation of esters of, 18, 429
- diaryl urea,
 - transposition of symmetric, 3, 255
- diastereoisomers,
 - spectra of, 4, 1
- diatomic molecules,
 - force constants of, 41, 325
- diazoketones,
 - reaction of, 18, 59
- 1,4-dibromobutane,
 - synthesis of ethyl 2-carboxylate of, 34, 79
- 3,5'-dibromo-2'-hydroxy-chalcones,
 - action of bromine, phenylhydrazine and ethyl acetoacetate on, 49, 197
- 1,5-dibromopentane,
 - synthesis of ethyl 2-carboxylate of, 34, 79
- dicarboxylic acids,
 - reactions with brominated, (I) 41, 331; (II) 41, 435; (III) 42, 269; (IV) 42, 275; (V) 46, 241
- 3,3'-dichloroindanthrone,
 - objective evaluation of, 43, 73
- 2,4-dichloro-5-iodo-phenoxy ethanol,
 - synthesis of, 20, 335
- dichloro-phosphoric acid,
 - preparation and properties of, 18, 303
- dielectric constant,
 - of 2-propanol-water-toluene ternary system, 20, 231
- dielectric contribution,
 - in phenol-water system, 19, 337
- dielectric properties,
 - effect of, on gelstructures, 3, 379
- diesel oil,
 - design of desulphurisation of, 31, 23
 - furfural refining of, 36, 331
- 3-(β -diethylamino-ethyl) indoles,
 - C₆-substituted derivatives of, 34, 439
- di-(2-ethylhexyl) phosphoric acid,
 - distribution coefficient, dimerization,

- acidic dissociation and association constant of, 48, 299
- diethyl malonate**,
— determination of, in non aqueous solutions, 31, 347
- diffusion**,
— theory of, (I) 1, 215; (II) 1, 254; (III) 2, 383; (IV) 2, 427
— through porous membranes, (I) 6, 33
- diffusion coefficients**,
— calculation of, 20, 419
— mathematical analysis of measurement of, 39, 423
- diffusion current**,
— of mercury ions, 9, 135
- dihalogenobenzene**,
— band contours of infrared vapour spectra of, 25, 255
- 3,4-dihydro-isoquinolines**,
— preparation of, 43, 379
— preparation of 2-alkyl derivatives of, 43, 379
- dihydroisoquinoline**,
— synthesis of, 12, 283
- 2,5-dihydroxyquinone**,
— preparation of, 20, 239
- 1,5-diketones**,
— (I) 50, 381
- dimercaptopropylphtalamidic acid**,
— polarography of, 27, 99
- 0,0'-dimesyl-seryl-serine**,
— stereoisomers of, 34, 93
- dimethyldichlorosilane**,
— hydrolysis and polycondensation of mixtures of, and methyltrichlorosilane, 44, 373
- dimethyl glyoxime**,
— polarography of, 49, 113
— polarography of metal complexes of, 49, 113
- 2,4-dinitrobenzene diazonium fluoroborate**,
— investigation on, 28, 399
- dinitrotoluenes**,
— IR spectra of, (I) 41, 309
- 1,3-diols**,
— chemistry of, (IV) 48, 147
- dioximes**,
— absorption spectra of transition metal complexes of, 32, 451
- dipeptides**,
— synthesis of, 41, 337
- diphenols**,
— selective extraction of, 21, 277
- diphenyl**,
— synthesis and biological activity of derivatives of, 5, 111
- α,β -diphenyl- β -hydroxyethylamines**,
— preparation of, 2, 61
- diphenylmethane type compounds**,
— ultraviolet light absorption of, 24, 231
- 1,1-diphenyl-2-picryl hydrazyl**,
— adsorption of oxygen on, 29, 409
- diphenyl sulphone**,
— ultraviolet absorption spectra of, 3, 243
- α,α' -dipyridyl**,
— absorption spectra of metal complexes of, 24, 259
— absorption spectra of some metal complexes of, 24, 55
- 2,2-dipyridyl complexes**,
— light absorption of, 38, 421
- direct current**,
— influence on oscillographic curve of, 46, 23
- direct current conductometry**,
— with non-polarizable external electrodes, (I) 27, 21
- disaccharides**,
— synthesis of, 4, 79
- dissociation constants**,
— determination of, of protonated chelate complexes, 50, 279
— polarography of, 22, 69
- disulphides**,
— aromatic, production of, 5, 159
- disulphur dichloride**,
— reaction of, with cyanide, 47, 129
- ditetrazolium salts**,
— polarography of, 10, 27
- dithionites**,
— analysis of, 17, 273
- dithiophosphates**,
— properties of, 36, 371
- dodecapeptide**,
— synthesis of derivatives of, 30, 239
- double bonds**,
— titration of, of acrylic derivatives, 32, 19
- doubly rotating spark gap**,
— argon investigation with, 37, 27
— new internal standard for, 30, 385
- dropping mercury electrode**,
— adsorption phenomena of, (I) 27, 163
— polarisation of, 28, 323
- drying**,
— definition and process of, 23, 279
- dyes**,
— inhibition of fading of, (I) 7, 117; (II) 16, 291
— spectrophotometry of, 27, 417
- dyestuffs**,
— quantitative determination of, 11, 49

- electrical conductance,**
 - of strong electrolytes, 17, 327
 - of zinc sulphate solutions, 20, 91
- electrode processes,**
 - in irradiated aqueous solutions, 35, 85
 - kinetics of, 18, 321
- electrolysis,**
 - industrial, of alkali chlorides, 18, 167
 - of silver complex compounds, 1, 5
- electrolytes,**
 - density of, 40, 117
- electron microscopy,**
 - producing preparations for, 10, 413
- electron spin resonance,**
 - investigation of, 40, 1
- electron transfer,**
 - circular, process of, 18, 365
- electron transfer reactions,**
 - induction of, 35, 273
 - role of water in, (II) 47, 241; (III) 47, 255
- electronic spectra,**
 - of disubstituted benzene derivatives, 42, 15
- electronic structure,**
 - of 1-benzene-azo-N-phenyl-2-naphthylamine chelate, (II) 46, 195
 - of catalytically active solids, 47, 263
- eledoisin,**
 - relation between structure and biological activity of, 44, 131
 - synthesis of, 42, 383
- elements,**
 - empirical correlation between atomic structure and physical constants of, 41, 401
 - separation of traces of, (I) 50, 5
- emission spectra,**
 - quantitative evaluation of, 41, 143
- emulsions,**
 - action of different agents on, 23, 561
- entropies,**
 - of chlorine, 18, 17
- entropy,**
 - analysis of rate of, 35, 95
- enzyme activity,**
 - colorimetry of, 3, 515
- p*-ephedrine,**
 - conformation of, 11, 339
- ephedrine bases,**
 - synthesis of, by Reformatzky reaction, 17, 181
- ephedrine derivatives,**
 - acyl migration of, 17, 189
- epichlorohydrine,**
 - problems of production of, 36, 145
- equilibrium,**
 - conversions, calculation of, 3, 421
 - vapor-liquid, of quaternary system, 13, 307
 - of system ethanol-benzene, 49, 85
- ESR spectrum,**
 - of H₂O₂ solution, 46, 159
- essential amino acid content,**
 - of biochemical by-products, 31, 367
- essential oil,**
 - content, determination of, 14, 163
- esterification,**
 - catalysed by ion exchangers, (II) 10, 141
- estrone,**
 - polymorphous modification of, 46, 373
- ethanol,**
 - determination of, in presence of methanol, acetaldehyde and formaldehyde, 41, 123
- p*-ethoxy- α -naphthylred,**
 - as adsorption indicator, 47, 103
- ethylaniline,**
 - preparation of, 13, 283
- ethylene,**
 - adsorption of, 12, 101
 - direct oxidation of, to ethylene oxide, 36, 125
 - dissolution of, 14, 421
- ethylenediamine tetraacetic acid,**
 - amphoteric properties of, 22, 159
 - copper complex of, 16, 131
 - solubility of, 30, 109
 - titration with, 28, 253
- ethylene oxide,**
 - production of, 31, 31
- 4-(2'-ethyl-phenylazo)-1-naphthylamine hydrochloride,**
 - as adsorption indicator, 42, 107
- European Association of Food Industry Analysts,**
 - report on, 23, 593
- evaporating apparatus,**
 - investigation of, by radioisotope method, 42, 433
- evaporation,**
 - of elements from refractory spectrographic samples, 30, 351
- evericin,**
 - isolation of, 3, 237
- exchange ratios,**
 - polarography of, 9, 381
- excitation source,**
 - high-frequency torch discharge use for, 33, 67
- extraction methods,**
 - using immobilized phase, (I) 16, 379; (II) 17, 353
- fats,**
 - heat treatment of, 23, 201
- fatty alcohols,**
 - production of, (I) 19, 23; (II) 24, 157

- fatty acids,**
 - exchange chromatography of, 27, 347
 - influence of stereochemical structure on nutritional efficiency of, 23, 235
- feed salts,**
 - production of phosphate-containing, 40, 245
- ferrites,**
 - polarography of, 27, 133
- filament electrodes,**
 - apparatus for transferring pulverulent substances on, 43, 195
- fisetol,**
 - partial acylation of, (I) 8, 133; (II) 13, 99
- fish oils,**
 - nutritional and pathological effects of, 23, 227
- five-membered heterocycles,**
 - electronic spectra of, 41, 321
- flame ionization detector,**
 - effect of, to organosilicon compounds, 45, 301
- flame photometry,**
 - effect of organic solvents in, 30, 365
- flame reactors,**
 - correlation of increase of dimensions and of capacity of, 41 461
- flame spectrophotometry,**
 - in solutions, 23, 117
- flavanone,**
 - bromination of, 8, 309
- flavanone-3-on**
 - bromination of, 8, 309
- flavonoids, (III) 14, 369; (IV) 13, 217; (V) 30, 87; (VII) 34, 353; (XII) 35, 223**
- flavopereirine,**
 - synthesis of, 39, 249
- fleometers,**
 - new laboratory gas flow meters, 21, 269
- flour,**
 - action of gamma rays on, 23, 513
- flow engineering,**
 - principles of, 50, 457
- fluids,**
 - chromatographic analysis of, 27, 311
- fluorine compounds,**
 - organic, synthesis of, (I) 3, 191; (II) 3, 199; (III) 3, 203; (IV) 3, 425; (V) 3, 431; (VI) 4, 89; (VII) 4, 111; (VIII) 4, 119; (IX) 7, 65; (X) 7, 71; (XI) 7, 85; (XII) 7, 431; (XIII) 7, 443; (XIV) 8, 41; (XV) 7, 451; (XVI) 8, 157
 - organic, synthesis of, (XVII) 7, 461; (XVIII) 10, 227; (XIX) 10, 233
- f matrices,**
 - expressing of, by parameters, (I) 44, 287; (II) 47, 273
- food preservation,**
 - by ionizing radiations, 23, 503
 - by various forms of radiating energies, 23, 445
 - refrigeration-antibiotics, refrigeration-radiation combined method for, 23, 577
- food proteins,**
 - alteration of, during thermic processing, 23, 241
- foods,**
 - action of heat in preserving of, 23, 143
 - advances in preservation of, 23, 439
 - analytical method for physical changes in, 23, 603
 - biological appraisal of, 3, 395
 - foreign matters in, Influence of physical methods of preservation on the quality of foods. Vth Symposium, Budapest, May 11 to 16, 1959. 23, 142
 - refrigeration of, 23, 327
 - taste and aroma alterations, of, 23, 313
- foodstuff,**
 - influence of cold on oils, fats and lipid fractions of, 23, 369
- force constants,**
 - ... of pyridine-N-oxide, 48, 343
- force field,**
 - calculation of, 47, 173
- formaldehyde,**
 - determination of, in presence of ethanol, methanol and acetaldehyde, 41, 123
 - determination of, in presence of formaldehydedimethyl-acetal, 42, 89
 - determination of, in presence of methanol, 39, 403
- formaldehyde bisulphite,**
 - analysis of, 19, 57
- formaldehyde-dimethyl-acetal,**
 - determination of, in presence of formaldehyde, 42, 89
- formaldehyde sulfoxylate,**
 - analysis of, 19, 57
- formazan,**
 - effect of nitro-group on formation of, 7, 455
- formazanes,**
 - configuration of, 2, 25
 - preparation of, 2, 9
- formic acid,**
 - catalytic decomposition of, 25, 145
 - paper chromatography of, 33, 251
- Fourier equation,**
 - deduction of, 47, 63
- free radicals,**
 - chemistry of, (II) 33, 433; (III) 45, 245; (IV) 50, 293
- Friedel-Crafts synthesis,**
 - direct determination of ketone in, 15, 285

- Fries synthesis,**
 - direct determination of ketone in, **15**, 285
- fruit juices,**
 - stability of, **3**, 339
 - stabilization of, **23**, 571
- fruits,**
 - action of cold on, **23**, 425
- furan,**
 - derivatives of, (I) **29**, 91
 - investigation on, **3**, 157
- furan carboxylic acid vinyl ester,**
 - polymerization of, **17**, 121
- furan derivatives,**
 - mixtures of, **12**, 15
- furfural,**
 - decarbonylation of, **3**, 169
 - industrial employ of, **15**, 315
 - oxidation of, **10**, 157
 - oxidative decarboxylation of, **45**, 329
- α -furyl ketoximes,**
 - Raman spectra of, **15**, 273
- furyl methyl ketoxime,**
 - IR spectra of isomers of, **40**, 431
- gallic acid,**
 - enzymatic synthesis of derivatives of, **2**, 209
- gallium,**
 - determination of, by neutron activation method, **32**, 9
 - fluorometry of, **27**, 413
 - polarography of, **9**, 99
 - preparation of high-purity metallic, **24**, 451
 - spectrographic determination of, **30**, 341
 - spectrography of, **28**, 91
 - spectrum analysis of, **28**, 29
- gamma-rays,**
 - effect of, on properties of motor fuels, **31**, 235
- ganglion,**
 - blocking effects compounds, synthesis of, (I) **2**, 95; (II) **3**, 323
- gas,**
 - adsorption of, (I) **35**, 37; (II) **35**, 53; (III) **35**, 245 (IV) **35**, 433; (V) **37**, 71
 - solubility of, **40**, 275
- gas adsorption,**
 - on solid surfaces of inhomogeneous activity, (I) **30**, 415; (II) **31**, 393; (III) **32**, 39; (IV) **33**, 153; (V) **38**, 233; (VI) **39**, 331
 - rate equation for, **49**, 155
- gas analysis,**
 - with "ionization peaks" method, **27**, 385
- gas chromatographic elution waves,**
 - calculation of, **30**, 63
- gas chromatographic model,**
 - solution of differential equations of, **22**, 285
- gas chromatography,**
 - adsorption theory of, **13**, 403
 - continuous (I) **14**, 3; (II) **14**, 19; (III) **14**, 31 (IV) **14**, 339; (V) **14**, 353; (VI) **14**, 359; (VII) **34**, 257
 - investigation on frontal, (I) **33**, 87; (II) **43**, 221; (III) **47**, 13; (IV) **47**, 23
 - progress and shape of gas fronts, **14**, 453
- gas content,**
 - determination of, in salts, (II) **33**, 31
- gas diffusion,**
 - during flow in tubes, **29**, 171
- gas mixtures,**
 - adsorption of, (I) **35**, 37; (II) **35**, 53; (III) **35**, 245; (IV) **35**, 433; (V) **37**, 71
 - autoignition of, **42**, 397
 - chemism of explosion of, **8**, 23
- gas oil,**
 - aromatic content of, **15**, 139
- gas solubility,**
 - mass spectrometric measurement of, **27**, 463
- gasoline,**
 - C_6 aromatics in reformat of, **37**, 177
 - desulfurization and refining of, **36**, 289
 - determination and separation of individual hydrocarbons in, **37**, 227
- gelatine,**
 - alkaline hydrolysis of, **3**, 267
- gelation,**
 - mechanism of, **3**, 173
- geminal diamines,**
 - investigation of acylated, (II) **43**, 155
- geminate aminocarbinals,**
 - (I) **49**, 417
- genistein,**
 - synthesis of, **19**, 277
- germacran,**
 - structure of, **18**, 479
- germanium,**
 - polarographic determination of, **34**, 157
 - separation of, by paper chromatography, **16**, 9
 - spectrophotometry of, **8**, 241
- germanium-pyrocatechol complex,**
 - spectrophotometric, potentiometric, polarographic study of, **34**, 339
- glass electrode,**
 - alkali error of, (I) **25**, 225; (II) **25**, 369
 - (III) **45**, 177; (IV) **48**, 1
 - calculation of alkaline error of, **46**, 151
 - effect of, **50**, 119
- glass surfaces,**
 - silver ion sorption properties of, **39**, 415
- glauconite,**
 - binding of borate ions by, **22**, 27
 - ion exchange properties of, **22**, 173

- glucagon**,
— synthesis of, **44**, 173
- glucogenkwanin**,
— synthesis of, **10**, 369
- D-glucosamine**,
— conformation of, **5**, 205
- D-glucosaminic acid**,
— copper (II) complexes of, (II) **45**, 203
— metal complexes of, **26**, 313
- glucosans**,
— reaction with titanium tetrachloride, **21**, 181
- D-glucosazone**,
— effect of boric acid on polarogram of, **9**, 493
- glucosazones**,
— polarography of, **9**, 485
- D-glucose**,
— ring stability of, **35**, 217
- D-glucose-2,4-dinitro-phenylhydrazine**,
— o-acetate of, **42**, 145
- glutamyl peptides**,
— intramolecular transpeptidation of N-acylated, (I) **6**, 183
- α -glutamylpeptide esters**,
— $\alpha \rightarrow \gamma$ -transpeptidisation of, **21**, 427
- glycine-2- ^{14}C** ,
— preparation of, **34**, 109
- glycocoll**,
— copper complex of, **14**, 113
- glycocoll-copper complexes**,
— deamination of, **15**, 51
- glycoeyamidins**,
— synthesis of, (XIV) **37**, 457; (XXIII) **47**, 391; (XXIV) **50**, 303
- 1,2-glycols**,
— analysis of, (I) **20**, 359; (II) **20**, 443; (III) **21**, 91 (IV) **22**, 359; (V) **24**, 67; (VI) **35**, 1
- glycopyranosil**,
— derivatives, preparation of, **13**, 231
- glycosides**,
— fluorimetry of, **10**, 267
- N-glycosides**,
(VI) **22**, 301; (VII) **33**, 415; (XII) **45**, 47
- glycyl-1- ^{14}C peptides**,
— preparation of, **35**, 213
- gold**,
— determination of, by enrichment method of solution spectral analysis, **39**, 313
— determination of, in minerals, **32**, 315
— spectrographic determination of, in liquids, **38**, 103
- graft copolymers**,
— synthesis of, **18**, 5
- griseofulvin**,
— polarographic behaviour of, **35**, 297
- β -haloethylamine**,
— type compounds, synthesis of, **2**, 153
- halogen aluminum alcohols**,
— reduction by, (IV) **15**, 211; (V) **16**, 279
— stability of, **16**, 369
— titration with, **26**, 495
- halogen cyanides**,
— analytical uses of, **38**, 97
- α -halogen tetrahydrofuran**,
— reaction with aniline and aryl hydrazines, **24**, 73
- α -halogen tetrahydropyran**,
— reaction with aniline and aryl hydrazines, **24**, 73
- halogenation**,
— with tribromophenol bromine, **15**, 183
- halogens**,
— in organic bonds, determination of, (II) **15**, 375
- Hammett equation**,
— validity of, **29**, 111
- heat of adsorption**,
— determination of, **22**, 331
- heat capacity**,
— of ions aqueous solution, **15**, 351
- heat transfer**,
— between granular charge and gas, **46**, 263
- heating**,
— approximative method for calculation of, **40**, 343
- heavy petroleum distillates**,
— high pressure hydrogenation of, **36**, 269
- heptapeptide-derivative**,
— synthesis of, **30**, 473
- Hess' law**,
mathematical discussion of application of, **4**, 21
- heterocyclic spiro compounds**,
chemical properties of, (I) **39**, 93; (II) **39**, 109; (III) **39**, 453; (IV) **44**, 327; (V) **45**, 333
- heterogen systems**,
— concentration distribution by, **2**, 103
- heteropolar compounds**,
— correlation between crystal energy and polarization in, **22**, 153
- n-hexane**,
— production of, **36**, 113
- hexapeptide**,
— synthesis of derivatives of, **48**, 171
- high frequency currents**,
— effect of, on foodstuffs quality, **23**, 541
- high molecular substances**,
— investigation of, by polarographic maxima suppression, **9**, 49
- high polymers**,
— viscoelasticity of rubber like, (I) **8**, 57;

- (II) 8, 75; (III) 8, 97; (IV) 8, 103; (V) 8, 115; (VI) 30, 245
- high-pressure hydrogenation**,
thermodynamics of, (I) 2, 273; (II) 2, 293; (III) 2, 307
- higher alcohols**,
— gas chromatography of, 27, 239
- highly ignited ferrites**,
— anomalous valences in, 31, 339
- 1-homoaryl isoquinolines**,
— hetero-ring splitting of, 21, 409
- Hungarian bitumens**,
— rheological investigation of, 31, 243
- Hungarian brown coal tars**,
— coking process of, (I) 33, 237; (II) 33, 343
- Hungarian coals**,
— reaction kinetics of, 43, 99
- Hungarian petroleum**,
— composition of, 31, 113
- Hungarian potatoes**,
— nutrition values of, 11, 151
- hybridization**,
— in methyl substituted cyclopropanes, 50, 287
- hydantoins**,
— synthesis of, (XIV) 37, 457; (XXIII) 47, 391; (XXIV) 50, 303
- hydrated electron**,
— thermodynamic consideration on, 44, 293
- hydrazides**,
— microdetermination of, 34, 213
- 2-hydrazino-4-methyl-thiazol**,
— synthesis of, 2, 189
- hydrazoic acid**,
— explosive decomposition of, 18, 347
- hydroaromatic compounds**,
— kinetics of catalytic dehydrogenation of, (I) 28, 375; (II) 29, 35; (III) 29, 199; (IV) 34, 335; (V) 35, 419; (VI) 40, 145; (VII) 40, 157; (VIII) 50, 129
- hydrocarbons**,
— boiling-point function of *n*-paraffin, 50, 145
- hydrocarbons**,
— chromatographic analysis of, 27, 321
— chlorinated, determination of chlorine by radioactive radiation in, 26, 203
— correlation between density and flash point of, 18, 189
— from Czechoslovakian mineral oils, 18, 215
— kinetics of oxidation of, (I) 10, 387; (II) 10, 395
— pyrolysis of, 36, 197
— as raw materials for petrolchemistry, 36, 11
- reaction kinetics and mechanism of oxidation of, 47, 83
— reaction kinetics of thermal cracking of, 42, 421
- c₆-hydrocarbons**,
— gas chromatography of, 37, 125
- n-hydrocarbons**,
— production of, 31, 41
— rapid determination of, 40, 367
- hydrochloric acid**,
— in Fries reactions, (I) 3, 459; (II) 4, 123; (III) 8, 295
- hydrocracking**,
— kinetic evaluation of, 31, 137
— in oil refining, 31, 301
- hydrodesulphurization**,
— of cracked gas oil distillate, 16, 193
- hydrogen**,
— adsorption of, on nickel catalysts, 20, 451
— determination of bond energy of, 40, 37
— sorption of, in suspension of palladium catalyst, 21, 159
— thermodynamics of transfer reactions of, 5, 453
- hydrogen fluoride**,
— determination of electrolytic dissociation constant of, 37, 393
- hydrogen ions**,
— migration mechanism of, (I) 13, 429; (II) 16, 417; (III) 19, 89; (IV) 19, 363; (V) 20, 73; (VI) 20, 175
- H₂¹⁸O molecules**,
— diffusion of, in concentrated aqueous solutions of salts, (I) 38, 225; (II) 49, 377
- hydrogen peroxide**,
— decomposition of, 17, 93
— decomposition of, 42, 321
— determination of, in alkaline solution, 8, 203
— determination of, in presence of oxalic acid, 10, 327
— kinetics of chain photolysis of, 38, 13
— kinetics of decomposition of, 7, 93
— reaction of, 11, 125
— reaction of, with thiocyanate ions, 34, 1
— stabilisation of, by titanium (IV) for titrimetric measuring solution, 5, 209
- hydrogen peroxide-acetic acid**,
— investigation of system of, 8, 323
- hydrogenation**,
— velocity of, 1, 46
— of aldehydes, 46, 247
- hydrolysis**,
— catalysed by ion exchange resins, 7, 133
— of starch, 27, 295
- hydrophobic substances**,
— separation of, 12, 331

- hydrorefining,**
 - in lubricating oil stocks, **31**, 195
- hydroxocheates,**
 - 30**, 459
- 2-hydroxy-4-amino-4'-methoxy-diphenylamine,**
 - oxidation properties of, **41**, 59
- 2'-hydroxy chalcones,**
 - and related compounds, **21**, 391
- 14-hydroxy codeinone,**
 - steric structure of, **33**, 173
- 14-hydroxy-dihydrocodeinone,**
 - steric structure of, **33**, 173
- hydroxyl ions,**
 - migration mechanism of, (I) **13**, 429; (II) **16**, 417; (III) **19**, 89; (IV) **19**, 363; (V) **20**, 73; (VI) **20**, 175
- 1-hydroxy-2-naphtoic acid,**
 - decarboxylation of, **22**, 455
- n-hydroxysuccinimide esters,**
 - reactions of, **44**, 61
- α -hydroxy-tetrahydrofuran,**
 - reaction of, with aniline and aryl hydrazines, **24**, 73
- α -hydroxy-tetrahydropyran,**
 - reaction of, with aniline and aryl hydrazines, **24**, 73
- s(-) hyosciamine [s(-) atropine],**
 - direct synthesis of, **28**, 409
- imidazoquinazolidinediones,**
 - preparation of, (III) **45**, 357; (IV) **47**, 405
- immersion electrode,**
 - high frequency titration with, **41**, 365
- indane,**
 - synthesis and biological activity of derivatives, **5**, 111
- indanthrone,**
 - objective evaluation of, **43**, 73
- indicators**
 - for P_H determination, **27**, 435
- indigo,**
 - oxidimetry of, **26**, 489
- indium,**
 - determination of, by neutron activation method, **32**, 9
 - spectrography of, **28**, 91
- indolo-quinolizine,**
 - stereoisomers of derivatives, **39**, 249
- industrial gases,**
 - purifying of, (I) **2**, 163; (II) **6**, 45
- industrial heating,**
 - dimensionless characteristics of, **40**, 357
- inert gases,**
 - problems of analysis of, **27**, 229
- inflammability,**
 - limit of, **33**, 211
- inhibitor effect,**
 - analytical significance of, **41**, 133
- inorganic contaminations,**
 - determination of, by luminescence analysis, **32**, 199
- insecticides,**
 - from phosphorus compounds, (III) **15**, 201
- "Institut Français du Pétrole"**
 - research work of, **36**, 43
- insulating oils,**
 - production of, from naphthenic crudes, **36**, 359
- insulin,**
 - problems of synthesis of, **44**, 109
- interfaces processes,**
 - of solids and liquids, (I) **38**, 386
 - in tungsten/gas, at high temperature, **42**, 305
- intermolecular interaction,**
 - investigation on, **29**, 63
- internal electrolysis,**
 - with vibrating electrodes, **27**, 31
- iodide,**
 - determination of, by simultaneous comparison, **37**, 381
- iodide ions,**
 - diffusion of, **37**, 279
- iodine,**
 - colorimetry of, with use of variamine-blue, **8**, 191
 - partition coefficient of, **11**, 317
 - quick microdetermination of, **28**, 165
- iodine atoms,**
 - isotopic exchange of, **41**, 171
- iodine bromide,**
 - halogenation effect of, **19**, 453
- iodine trichloride,**
 - chemistry of, **31**, 331
- ion exchange chromatography,**
 - use of ammonium sulphosalicylate in, (I) **50**, 105
- ion exchange columns,**
 - redox reactions on, (II) **27**, 185
- ion-exchange equilibria,**
 - investigation on, with radioactive tracer method, (I) **30**, 49; (II) **27**, 247; (III) **27**, 253; (IV) **33**, 395; (V) **34**, 19; (VI) **34**, 29; (VII) **38**, 367; (VIII) **40**, 167
- ion exchangers,**
 - comparison of, **41**, 161
- ion transference numbers,**
 - determination of, (I) **48**, 309
- ionic mobilities,**
 - determination of, **32**, 429
 - measurement of, by radioactive labelling, **35**, 407

- ionic radii,**
 - in solutions, 18, 341
- ionite membrane electrodes,**
 - electrochemical behaviour of, 50, 77
- "ionization peaks" method,**
 - for gas analysis, 27, 385
- ionizing radiations,**
 - effect of, on food products, 23, 555
- ψ -ionone,**
 - mechanism of cyclization of, (I) 22, 215; (II) 22, 389
- iron,**
 - volumetric microdetermination of, 29, 291
- iron(II)-iron(III),**
 - separation of, by ion exchange, (I) 26, 289
- iron(II),**
 - microdetermination of, 13, 59
- iron(III),**
 - colorimetric microdetermination of, 12, 155
 - microchemistry of, 14, 311
 - polarography of, by ascorbic acid, 9, 43
 - spectrophotometry of, 33, 23
- iron(III),**
 - volumetric determination of, 11, 185
- iron contamination,**
 - determination of, in noble metals, 4, 315
- iron(III) cyanide,**
 - determination of, 16, 267
- iron oxide,**
 - production of yellow pigment of, 50, 483
- isobenzpyrylium salts,**
 - IR spectroscopy of, 40, 217
- isobetuloside,**
 - synthesis of, 1, 108
- isocarthamidine,**
 - structure and synthesis of, 14, 471
- isoeugenol,**
 - mixed dimerization of, 41, 451
- isoflavones,**
 - ring isomerization of, (I) 24, 225; (II) 48, 181; (III) 32, 109; (V) 33, 183; (VII) 33, 449; (VIII) 38, 283; (X) 40, 457; (XI) 41, 441
- isonicotinic hydrazide,**
 - synthesis of, 14, 197
- isopoly acids,**
 - formation of, 15, 257
- isoquinoline,**
 - ring closure of, (I) 13, 377; (II) 16, 439; (III) 19, 259; (IV) 19, 267; (V) 20, 407; (VI) 35, 205
- isotopes,**
 - measurement of, 49, 29
 - simultaneous quantitative determination of two gamma-radiating, 49, 225
- isotopic exchange reaction,**
 - effect of solvent in, 26, 187
- jet fuel,**
 - desulfurization and refining of, 36, 289
- χ -constant of P-transformation,**
 - dependence of, on blackening, 30, 11
 - dependence of, on wavelengths, 29, 273
- kerosene,**
 - aromatic content of, 15, 139
- ketone,**
 - direct determination of, in Friedel-Crafts and Fries syntheses, 15, 285
- ketones,**
 - formation of, 24, 191
- kinetics,**
 - of Fe(III)-triethyleneteramine- H_2O_2 system, 20, 57
 - of oxidation of hydrocarbons, (III) 11, 205; (IV) 11, 221; (V) 11, 239; (VI) 11, 251; (VII) 11, 263; (VIII) 16, 13
- Kniphofia uvaria,**
 - isolation and identification of antibacterial substances of, 35, 195
- laminarin,**
 - acid hydrolysis of, 45, 141
- lanthanum-molybdate,**
 - electrometric study of system, 34, 193
- law of multiple proportion,**
 - and ionic radii, 15, 217
- lead,**
 - determination of total lead in lead chromate, 28, 237
- lead alkyls,**
 - as antiknock agents for motor gasoline, 36, 235
- levoglucosan esters,**
 - reaction of, 29, 227
- L-forming plant,**
 - in VEB Leuna-Werke, 36, 255
- ligand,**
 - effect of, on activation, 42, 343
- light absorption,**
 - of condensed cyclic systems containing hetero atoms, 11, 365
 - mechanism of, of hydrated atom ions, 10, 39
 - mechanism of, of complexes, 10, 373
 - of linearly condensed aromatic compounds, (I) 8, 345; (II) 11, 85; (III) 11, 99
 - influence of steric hindrance on, (I) 10, 207
 - theory of, of complexes, 11, 113
 - theory of, of complex compounds, (I) 17, 225
- light sensitivity,**
 - of nitro-selenium organic compounds, 12, 189

- lime ammonium nitrate,
 - clumps formation of, 18, 231
- limit current,
 - dependence of, on cations concentrations, 33, 11
- Linde—Fränkel-type air distillation unit,
 - mass spectrometric investigation on, 27, 469
- β -lipoprotein,
 - precipitation complexes from, 45, 219
- liquid hydrates,
 - in aqueous solution, 8, 439
- liquid road bitumina,
 - rapid ageing test of, 36, 431
- liquids,
 - hole theory of, 40, 275
- lithium aluminosilicates,
 - formation of, 17, 37
- lithium fluoride,
 - thermoluminescent properties of, 45, 95
- liver in liver lesions,
 - polarography of, 9, 311
- local anesthetics,
 - synthesis and pharmacology of, (I) 5, 143; (II) 5, 151; (V) 12, 93
- lubricant fats,
 - from oxidized paraffin, 18, 261
- lubricants,
 - production of, from aromatic crudes, 36, 351
- lubricating grease,
 - batchwise manufacture of, 28, 413
 - characterization of, 31, 101
 - gel structure of, 25, 85
 - low temperature behaviour of, 28, 447
 - stability tests of, 36, 417
 - structure and mechanical properties of, 36, 403
 - testing of, in grease tester Kugler—Fischer, constructed by Spengler, 28, 431
- lubricating oils,
 - modified "analysis of content" of, 31, 257
 - oxydation of, 37, 147
 - of two-stroke gasoline engines, (I) 24, 19; (II) 24, 125; (III) 24, 245; (IV—V) 24, 371
- lucigenin,
 - chemiluminescence of, 39, 295
 - luminescence of, 41, 37
 - a new luminescent indicator, (I) 3, 81; (II) 3, 95; (III) 3, 105
- luminescent indicators,
 - redox titrations with, (I) 6, 77; (II) 6, 93; (III) 6, 115; (IV) 6, 123; (V) 6, 127
- luteolin-7-glucoside,
 - isolation and synthesis of, 40, 463
- lysergic acid,
 - in colorimetry of *Secale cornutum* alkaloids, 2, 15
- macromolecular substances,
 - rheology of, (IV) 19, 65
- magnesium,
 - absorption spectrophotometry of, 44, 367
 - determination of, in pure aluminum 11, 277
 - polarography of, 9, 27
 - possibility of polarography of, 9, 179
- magnesium compounds,
 - flame photometry of, 11, 23
- magnets,
 - quick analysis of, 28, 243
- maleic anhydride,
 - addition of, to benzalazin, 1, 230
- maleic hydrazide,
 - cyclic, sulphonyl and phosphoryl derivatives of, 15, 1
- manganese(II),
 - colorimetric microdetermination of, 8, 11
- manganese(II) nitrate,
 - thermal decomposition of, 46, 311
- manganous ions,
 - polarographic study of, 42, 7
- mannitol,
 - polarography of derivatives of, 39, 411
- D-mannose,
 - ring stability of, 35, 217
- D-mannose-2,4-dinitro-phenylhydrazone,
 - investigation on, 32, 371
 - o-acetate of, 42, 145
- mannosido-streptomycin,
 - conversion of, into streptomycin, 6, 295
- mass transfer,
 - between granular charge and gas 46, 263
- mazut,
 - distillation of, in presence of radioactive isotope, 25, 459
- measurement,
 - of capsaicin content, 11, 137
- Meerwein—Ponndorf—Verley reduction,
 - effect of aluminum halogen alcoholates in, (I) 7, 421; (II) 8, 163; (III) 10, 217
- Meerwein—Ponndorf—Verley—Oppenauer reaction,
 - studies on, (I) 43, 149
- melibiose,
 - synthesis of, 1, 245
- melphalan,
 - peptides and polypeptides of, 44, 159
- melting points,
 - investigation of, 28, 311
- membrane electrodes,
 - for determination of ion concentrations, 27, 63
- membranes,
 - pH -dependent ion-permselective, 50, 193

- 2-mercapto-3-aryl quinazol-4-ones,**
 - action of oxidizing agents on, **34**, 101
- mercurimetric method,**
 - for determination by pyridine-thiocyanate complexes, **19**, 41
- mercurimetric titration,**
 - end point indication of, **3**, 437
- mercury(II),**
 - ascorbinometry of, **8**, 263
- mercury(II) cyanide,**
 - stability of halide mixed complexes of, **41**, 423
- mercury,**
 - gravimetric determination of, **3**, 387
 - spectrographic determination of, **44**, 277
- mercury electrode,**
 - effect of alternating current to depolarisation of, (I) **25**, 401; (II) **28**, 331
 - in water analysis, **27**, 79
- mercury thiocyanate,**
 - microanalytical application of, (I) **26**, 129
- meso- α , α' -diamino pimelic acid,**
 - synthesis of derivative of, **44**, 229
- mesoide, γ -poly-glutamic acids,**
 - preparation of, **21**, 417
- metakaolinite state,**
 - confirmation of existence of, **38**, 59
- metal analysis,**
 - by amperometric titration, **9**, 195
- metal-carbonyl complexes,**
 - analysis of, **27**, 395
- metal carbonyl compounds,**
 - infrared spectroscopy of, (I) **34**, 315; (II) **34**, 395
- metal catalysts,**
 - dehydrocyclization on, (I) **49**, 395
- metal complexes,**
 - formation of, **25**, 133
- Me²⁺-gelatine-potassiumhydroxid,**
 - system for analytical utilisation, **31**, 315
- metal-hydrides,**
 - in pharmaceutical chemistry, (I) **21**, 137
- metal ions,**
 - separation of, using paper chromatography, **27**, 261
- metallochrome-violet A,**
 - spectrophotometry of reactions of, **39**, 7
- metals,**
 - amperometric determination of, (II) **34**, 135; (III) **34**, 365
 - potentiometric titration of, **27**, 41
 - rapid spectrographic determination of, **30**, 301
 - selective micromethod in analysis of, (III) **45**, 77
- metatungstic acid,**
 - physico-chemical studies of, **16**, 83
- methacrylates,**
 - polymerization of, **21**, 467
- methadone analogues,**
 - preparation of, xanthene skeleton containing, (I) **32**, 473; (II) **38**, 137
- methane,**
 - analysis of products of nitration of, **22**, 435
 - kinetics of nitration of, **22**, 409
- methane sulphochloride,**
 - acylation with, (III) **20**, 415
- methanol,**
 - determination of, in presence of ethanol, acetaldehyde and formaldehyde, **41**, 123
 - determination of, in presence of formaldehyde, **39**, 403
- methanil yellow,**
 - use of, as indicator in cerimetry, **10**, 51
- methionine peptides,**
 - splitting off of carbobenzoxy protecting groups of, **50**, 339
- p-methoxy-benzaldehyde-thiosemicarbazone,**
 - glucosides of, **8**, 139
- p-methoxy-propiophenone,**
 - animalous nitration of, **1**, 391
- methylchlorosilanes,**
 - direct synthesis of, (I) **39**, 27; (II) **39**, 33; (III) **45**, 31
 - gas chromatographic analysis of, **37**, 37
- methyl methacrylate,**
 - polymerization of, (I) **47**, 281
- o'-methyl papaveraldine,**
 - synthesis of, **25**, 79
- o'-methyl papaverine,**
 - synthesis of, **25**, 79
- methyltrichlorosilane,**
 - hydrolysis and polycondensation of mixtures of, and dimethyldichlorosilane, **44**, 373
- methylene groups,**
 - acylation of, (III) **41**, 445
- microanalysis,**
 - correct definition of, **30**, 21
- microbiology,**
 - application of spectrochemistry in, **28**, 83
- microchemistry,**
 - correct definition of, **30**, 21
- microdetection,**
 - of oxalate ions, **11**, 7
- microdetermination,**
 - colorimetric, of oxalate ions, **11**, 7
- micro elementary analysis,**
 - quantitative, organic, **26**, 395
- micro-fermentation,**
 - 1**, 207
- milk,**
 - effect of cooling on, **23**, 347

- mineral oil products**,
— correlation between quantitative gas stability and composition of, **31**, 67
- mineral oils**,
— decomposition of, **10**, 245
- mineral waters**,
— radioactive in Roumanian People's Republic, **18**, 129
- minerals**,
— quick analysis of, **28**, 259
- model compounds**,
— of synthetic rubber structures, **21**, 41
- modulus of shear**,
— determination of, in rubber, **33**, 359
- molecular volume**,
— correlation of, with number of atoms, **34**, 217
- molecules**,
— inner rotation of, **40**, 197
- molibdate ions**,
— reaction of (I) **14**, 69; (II) **14**, 79; (III) **14**, 269
- molybdenum(V)**,
— ferrimetric determination of, **38**, 89
- molybdenum(VI)**,
— microdetermination of, **20**, 243
— photometry of, **27**, 441
— separation of, **7**, 253
- molybdenum**,
— reactions of, (I) **44**, 241; (II) **44**, 253; (III) **45**, 1; (IV) **45**, 267; (V) **48**, 279
- molybdenum oxides**,
— reactions of, (I) **44**, 241; (II) **44**, 253; (III) **45**, 1; (IV) **45**, 267; (V) **48**, 279
- molybdenum trioxide**,
— reaction of, with carbon monoxide, **39**, 321
— reduction of, (I) **38**, 177; (II) **39**, 145
- monoaryl urea**,
— transposition of, **3**, 255
- mono-oximes**,
— absorption spectra of transition metal complexes of, **32**, 451
- monose**,
— lattice parameter of derivatives of, **46**, 191
— 4-nitrophenylhydrazones of, **34**, 113
- monose-4-bromo-hydrazone**,
— acetyl derivatives of, **43**, 439
- monose- α -methyl-hydrazone**,
— acetyl derivatives of, **43**, 439
- monose-2-nitro-hydrazone**,
— acetyl derivatives of, **43**, 439
- monosilane**,
— structure of, **41**, 257
- montmorillonite**,
— colloid-chemical determination of, **5**, 287
— particle size of, **4**, 169
- morin**,
— use of, in microanalysis, (I) **6**, 335; (II) **7**, 245; (III) **7**, 249
- motor oils**,
— manufacture of, **42**, 161
- muco-polysaccharides**,
— precipitation complexes from, **45**, 219
- mucoproteins**,
— polarography of, **9**, 451
- mullite**,
— formation of, **39**, 271
— kinetics of formation of, (I) **33**, 197
— thermogravimetric investigation of formation of, **40**, 79
- multicomponent systems**,
— dielectrometric analysis of, **27**, 49
— gas chromatography of vapour-liquid equilibria of, **49**, 71
— quantitative X-ray analysis of, **41**, 413
- muscle proteins**,
— polarography of, **9**, 319
- Müller, A.**,
— necrologue and bibliography of, **49**, 319
- Nagylengyel bitumen**,
— comparison of, to foreign bitumens, **31**, 291
- naphthenes**,
— dehydrogenation of, **36**, 27
- Na₂O**,
— determination of, by electroanalytical Papp method, **4**, 181
- natural gas industry**,
— development of, in Italy, **36**, 59
- natural gases**,
— conversion of, into synthesis gas, **3**, 209
- nickel(II) complexes**,
— light absorption of, **15**, 151
— spectra of four and six coordinated, **40**, 193
- nickel(II) ethylene diamine**,
— calculation of adsorption curves of complex compounds, of, **22**, 275
- nickel**,
— adsorptive and catalytic properties of, (I) **40**, 387; (II) **41**, 383; (III) **42**, 227; (IV) **42**, 325; (V) **43**, 387; (VI) **45**, 101
— photometric determination of, **18**, 79
— spectrographic determination of, **30**, 341
— volumetric analysis of, in alloys, (I) **28**, 151
- nickel complexes**,
— derivatography of, **37**, 359
- nickel cyanocomplexes**,
— absorption spectra of, **22**, 107
- nickel o-phenanthroline complexes**,
— absorption spectra of, **22**, 107
- Ni₃S₂**,
— preparation of, **30**, 127

- nickel sulphate,**
 - viscosity of solution of, **20**, 339
- niobium,**
 - spectrography of, **28**, 103
- nitrate,**
 - determination of microgram quantities of, **27**, 391
 - polarographic determination of, **11**, 329
- nitrate ion,**
 - stannometric determination of, **3**, 231
- nitration,**
 - with acid mixtures, (I) **13**, 385; (II) **20**, 275; (III) **20**, 393; (IV) **33**, 463
- nitric oxide,**
 - effect of, on thermal decomposition of propionic aldehyde, (I) **31**, 415; (II) **32**, 69; (III) **32**, 81
- nitrile-carboxyl,**
 - exchange reaction of, **25**, 123
- nitriles,**
 - preparation of, **14**, 89
- nitrite,**
 - polarographic determination of, **11**, 329
- nitroalkanes,**
 - chromato-polarography of, (II) **27**, 137
- nitro-aryl ketones,**
 - preparation of, from amino-aryl ketones, **2**, 57
- p-nitro-benzaldehyde,**
 - condensation of glycine with, (I) **25**, 433
 - condensation of, with hydantoine, **29**, 373
- 1-nitro-codeine,**
 - derivatives of, **30**, 79
- 2-nitro-codeine,**
 - derivatives of **30**, 79
- α -nitrocodeine,***
 - structure of, **42**, 359
- nitrogen,**
 - adsorption of, **14**, 439
 - desorption of, **14**, 439
 - determination of, on surface of zirconium and zinc alloys, **33**, 295
 - inorganic compounds, polarographic determination of, **9**, 105
- nitrogen atom,**
 - configurative stability of, **33**, 165
- nitrogenous bases,**
 - separation of, **26**, 403
- nitrogen-ylides,**
 - syntheses with, **12**, 347
- 5-nitro-hydroxy-hydroquinone,**
 - synthesis of derivatives, **42**, 41
- nonapeptide derivative,**
 - synthesis of, **30**, 105
- DL-nor-adrenaline,**
 - synthesis of, **1**, 395
- noradrenalone,**
 - colour tests and determination of, **16**, 389
- N-oxydes,**
 - physico-chemistry of, (I) **27**, 123; (II) **33**, 287
- nuclear activation analysis,**
 - automatic and computer-coupled, **50**, 33
- nuclear fission products,**
 - analysis of, **32**, 159
- nuclear methods,**
 - in chemical analysis, **50**, 49
- nutrition values,**
 - of Hungarian potatoes, **11**, 151
- O-deacylation,**
 - selective, **17**, 171
- oil films,**
 - formation of, on metal surfaces, **3**, 1
- olefins,**
 - hydroformylation of, **36**, 157
- oligopeptides,**
 - synthesis of, **41**, 337
- oligosaccharides,**
 - synthesis of, **18**, 437
- open-hearth slag,**
 - quick determination of alkalinity of, **28**, 193
- opianic acid,**
 - behaviour of, **12**, 275
- ores,**
 - quick analysis of, **28**, 259
- organic acids,**
 - detection of, by partition chromatography, **1**, 335
- organic compounds,**
 - action of elements on light absorption of, (I) **7**, 373; (II) **7**, 385
 - correlation of, with physiologic action, **12**, 209
 - identifications of, by ultraviolet absorption spectroscopy, **11**, 45
 - oxidation of, by bromine for analytical use, (I) **48**, 161
- organic molecular compounds,**
 - (I) **32**, 375; (II) **43**, 63
- organic molecular structures,**
 - more flexible formulation of, **38**, 35
- organic reagents,**
 - analytical use of, (III) **41**, 75; (VI) **46**, 1; (VIII) **47**, 143; (IX) **49**, 1
 - selective and sensitive, **33**, 257
- organic substances,**
 - correlation between structure and R_F -value of, (I) **31**, 443
 - destruction of, **3**, 57
- organic sulphur compounds,**
 - behaviour of, under condition of oxo synthesis, **40**, 471

- organopotassium compounds,**
 - alkylation with, 45, 231
- organotin compounds,**
 - preparation of, (I) 45, 237; (II) 45, 313
- oscillographic analysis,**
 - quantitative, 9, 93
- oscillographic polarographic curves,**
 - temperature effect on, 15, 191
- oscillographic polarography,**
 - application of, 32, 293
 - general remarks on, 9, 73
 - in organic chemistry (I) 18, 93
- oscillography,**
 - application of, in textile chemistry, (VI) 43, 111
- osmium tetroxide,**
 - application of, as catalyst, (II) 20, 295; (III) 20, 399
 - catalytic properties of, 21, 35
- osone,**
 - hydrazones of, 12, 173
- ovalene,**
 - diamagnetic anisotropy of, 2, 375
- oxalic acid,**
 - effect of electrolytes on reduction of, 9, 119
- oxazolidine,**
 - synthesis of derivatives of, (I) 13, 83; (II) 13, 89
- oxidation,**
 - of hydrocarbons, kinetics of, (III) 11, 205; (IV) 11, 221; (V) 11, 239; (VI) 11, 251; (VII) 11, 263
 - of isopropanol by cerium(IV), (I) 46, 115; (II) 46, 125
 - of secondary butanol by cerium(IV) (I) 46, 115; (II) 46, 125
- oxidation method,**
 - application of, in organic analysis, (I) 47, 115
- oxidation potential,**
 - of peroxyacetic acid (HOOAc) solution, 46, 181
- oxides,**
 - volatility of, 37, 247
- oxidimetric titration,**
 - in alkaline solution, 10, 313
- α -oxo- β -acyl- γ -butyrolactone,**
 - derivatives of, 6, 307
- 2-oxo-benzo(a)quinolizine,**
 - synthesis of derivatives of, 38, 57
- oxo-monophenylhydrazone,**
 - derivatives, reducing decomposition of, 2, 199
- oxo-synthesis,**
 - with use of olefins, 31, 77
- 3 β -oxy- Δ^5 -cholenic acid,**
 - preparation of, 8, 303
- oxygen,**
 - ascorbinometric determination of, 4, 325
 - determination of, in molybdenum, 28, 187
 - determination of traces of, 33, 51
 - iodometry of gaseous, (I) 49, 339
 - overpotential of, on platinum anodes, 34, 281
 - polarography of, 9, 407
 - potential of electrolytic development of, 29, 47
- oxygen-carrying complexes,**
 - catalytic effect of, 29, 401
- oxygen overvoltage,**
 - dependence of, upon water activity, (I) 50, 179
- oxy-nitro-chalcones,**
 - use of, in microanalysis, 14, 241
- ω -oxyphloroacetophenone,**
 - partial acylation of, (I) 8, 133; (II) 13, 99
- 8-oxyquinoline,**
 - physico-chemical interpretation of pre-absorption band of, 35, 179
- 3-oxyselenonaphthene,**
 - ultraviolet absorption spectra of, 11, 57
- oxytetracycline,**
 - production of, 27, 451
- palladium(II) chloride,**
 - complexes of, 40, 261
- paper chromatogram,**
 - evaluation of, 9, 191
 - evaluation of, 26, 273
- paper chromatography,**
 - correlation between R_f and R_m values, 47, 419
 - inorganic, 3, 187
 - use of line oven in, 21, 143
 - on impregnated paper, 27, 221
- paper electrophoresis,**
 - of carrierfree ^{131}I , 48, 331
- paper thermal diffusion,**
 - 27, 193
- paprika-dyestuff,**
 - structure of, 22, 117
- paraffines,**
 - gas chromatography of, 27, 239
- parafuchsine hexaacetic acid,**
 - analytical application of, 26, 335
 - supposed complex forming property of, 41, 43
- partition coefficient,**
 - of iodine, 11, 317
- PbCrO_4**
 - crystal structure of, 40, 283
- pectin,**
 - examination of, 13, 71
 - structure of, 3, 173

- pectolysis,**
 - study on, **3**, 165
- penicillin,**
 - volumetric determination of, **26**, 473
- pentacene,**
 - simplification of synthesis of, **28**, 405
 - synthesis of, **22**, 443
- pentachloro nitrobenzene,**
 - determination of residue of, **28**, 199
- pentaoxypimelinic acid,**
 - reducing power of derivatives of, **4**, 161
- pentose,**
 - acetates of, **12**, 141
- peptide bonds,**
 - fission of, **21**, 71
 - formation of, **44**, 67
- peptide synthesis,**
 - in aqueous solution, **44**, 77
 - racemization and bifunctional catalysts in, **44**, 99
- peptide synthesis method,**
 - application of, to acylation, **44**, 235
- peptides,**
 - catalytic hydrogenation of, **44**, 15
 - cyclic, synthesis of, **18**, 449
 - depsiptide analogues of, (II) **44**, 205
 - metal complexes of, (I) **39**, 235; (II) **42**, 365; (III) **43**, 33; (IV) **43**, 45; (V) **47**, 291
 - polymerization of, **44**, 103
 - structure of, **13**, 141
 - synthesis of, (II) **10**, 335; (IV) **11**, 179
 - synthesis of, **44**, 11
 - synthesis of ACTH analogues, **44**, 141
 - synthesis of eldoisin analogues, **44**, 129
 - synthesis of, to gastrin related, **44**, 187
 - synthesis of, related to C-terminal 25—39 sequences of corticotropins, **48**, 111
 - synthesis of, to trypsin sequences related, **44**, 165
- perchloro-alkadienes,**
 - synthesis and conversion of, **36**, 169
- perchloro-alkenes,**
 - synthesis and conversion of, **36**, 169
- perchloro cyclodienes,**
 - synthesis and conversion of, **36**, 169
- periodate,**
 - analytical application of, **26**, 467
 - determination of, **22**, 475
 - oxidation with, (I) **24**, 213; (II) **30**, 119; (III) **40**, 379
- periodic function,**
 - (III) **17**, 125; (IV) **17**, 151
- periodic table,**
 - new form of, **4**, 129
- peroxy acid solvates,**
 - existence of, **15**, 231
- peroxy-compounds,**
 - chemistry of, (I) **4**, 393; (II) **4**, 405; (III) **4**, 411; (IV) **4**, 417; (V) **4**, 423; (VI) **4**, 429; (VII) **4**, 445
 - constitution and analysis of, (I) **13**, 9; (II) **13**, 19; (III) **13**, 257; (IV) **13**, 275; (V) **17**, 69
- peroxysulphuric acid,**
 - behaviour of, on anion exchange columns, **37**, 369
- pesticides,**
 - UR spectroscopy of, **27**, 425
- petroleum,**
 - group analysis of sulphur compounds in, **36**, 469
 - processing of, in VEB Leuna-Werke, **36**, 223
 - rheological properties of products from, **37**, 191
- petroleum fractions,**
 - correlation between density and flash point of, **18**, 189
- petroleum industry,**
 - design and investment in, **36**, 75
 - development of, in Hungary, **36**, 95
- petroleum products,**
 - analysis of, (I) **39**, 161; (II) **39**, 171; (III) **41**, 341; (IV) **41**, 355
 - emission spectrography of metal components of, **42**, 279
 - gas chromatography of, **31**, 223
- pH determination,**
 - indicators for, **27**, 435
- o-phenanthroline,**
 - absorption spectra of metal complexes of, **24**, 259
 - absorption spectra of metal complexes of some, **24**, 55
- 1,10-phenanthroline,**
 - analytical application of, **28**, 297
- o-phenanthroline complexes,**
 - light absorption of, **38**, 405
- phenol,**
 - doublet structure of broad OH band of, **40**, 31
 - higher, decomposition of, **12**, 161
 - quantitative determination of, using paper chromatography, **27**, 279
- phenol,**
 - separation of, from brown coal tar oils, **39**, 465
- phenolethers,**
 - reactions of, **12**, 83
- phenothiazine,**
 - derivatives of, (I) **14**, 203; (II) **19**, 273; (IV) **42**, 351; (V) **43**, 253; (VI) **44**, 301
- phenylenediamine,**
 - detection of isomers of, **42**, 297
- o-phenylenediamine,**
 - determination of minute amounts of, in

- presence of *m*- and *p*-phenylenediamine, 41, 91
- α -phenylpyridine-methylol-2,**
— stereochemistry of metal complexes of, 26, 355
- phoron,**
— acid-catalyzed cyclisation of, 33, 425
- phosphate,**
— colorimetry of, 5, 65
— condensed, 12, 221
- phosphoric acid monoamide diester,**
— preparation of, 46, 379
- phosphoric ester,**
— organic, analysis of, 26, 451
- phosphorus,**
— determination of, in silicate rocks, 5, 81
— determination of, in steel, 19, 13
- phosphorus,**
— microdetermination of, in organo-phosphorus compounds, 41, 265
- ³²P**
— separation of, from elementary sulphur, 42, 181
- phosphorus compounds,**
— as insecticides, (III) 15, 201
- phosphorus pentoxide,**
— determination of, in bauxites, 11, 195
- phosphorus-ylenes,**
— syntheses with, 12, 347
- photoelectric steelometer,**
— for emission spectral analysis, 30, 277
- photographic method,**
— on aluminum surface, 18, 251
- photometric determination,**
— of nickel, 18, 79
- phthalein,**
— polarography of xanthene type, (I) 38, 187
- phthalein derivatives,**
— polarography of xanthene type, (I) 32, 387
- phthalic acid anhydride,**
— investigation of, 26, 417
- phthaloylglycine-1-¹⁴C peptides,**
— preparation of, 35, 213
- physcionine,**
— total synthesis of, 40, 309
- physical adsorption,**
13, 181
- physical constants,**
— calculation of, 35, 447
— of organic compounds, correlations between, 21, 351
- physical properties,**
— of elements in periodic system, 17, 81
- physostigmine,**
— stability of aqueous solution of, 33, 121
- piperazine,**
— derivatives of, (I) 49, 265
- plant oils,**
— autoxidation of, in leather manufacture, 20, 367
- plastics,**
— data of strength of (I) 29, 463; (I₂) 39, 129; (I₃) 43, 165; (I₄) 43, 179
- platinum,**
— polarisation potential of, 13, 159
- pneumatic,**
— fatigue test for, 5, 481
- point of equivalent (titration),**
— calculation of, 27, 9
- polarized electrodes,**
— application of, 50, 43
— titration with, 3, 391
- polarograms,**
— changes in shape of, 9, 397
— derivation of, 9, 161
— superposed, evaluation of, 14, 211
- polarographic analysers,**
— of long-periodic automatic recording, 9, 37
- polarographic cell,**
— inner resistance of, 35, 255
— with streaming mercury electrode, 9, 183
- polarographic curves,**
— effect of temperature on, 15, 191
- polarographic determination,**
— of nitrite and nitrate, 11, 329
- polarographic methods,**
— in clinical chemistry, 18, 69
- polarographic protein reaction,**
— use of, 9, 301
- polarographs,**
— description of type LP54 and LP55, 9, 153
- polarography,**
— of aromatic nitro compounds, 9, 463
— catalytic steps of, 27, 175
— of complex formation between iron and thiomalic acid, 38, 295
— development of, in Hungary, 9, 17
— electrodes for, 9, 3
— indirect, of calcium, 11, 171
— in industrial toxicology, 9, 435
— of N-containing heterocyclic compounds, 9, 223
— organic, steric effects in, 18, 141
— pharmaceutical application of, 9, 247
— in practical metallurgy, 9, 171
— simultaneous, of thallium and indium, 43, 201
— of substances of biological activity in foods, 9, 295
— of system hydrogen peroxide-osmium tetroxide, 38, 193
— of Zn²⁺, 46, 91

- polyalkyl methacrylate,**
 - solution chromatography and IR spectrometry of, **26**, 429
- polyamide,**
 - stress and strain properties of, **39**, 253
- polyamines,**
 - metal complexes of, (I) **22**, 51; (II) **25**, 49; (III) **25**, 443; (IV) **34**, 51
 - syntheses of, with phthaliminoalkyl haloids, (I) **17**, 255; (II) **32**, 121
- polyanions,**
 - formation of, **40**, 109
- β -poly-DL-aspartic acid,**
 - investigation on, **6**, 209
- poly-(dimethylsiloxane) molecules,**
 - determination of R. M. S. end-to-end distances of, **45**, 187
- polyglutamic acid,**
 - constitution of, **43**, 161
- α -polyglutamic acid,**
 - synthesis of, **3**, 361
- D-polyglutamic acid,**
 - structure of, (V) **7**, 223
- γ -polyglutamic acid,**
 - attempted synthesis of, **6**, 219
- L- and D-polyglutamic acid,**
 - synthesis of, **5**, 267
- polymerization,**
 - radical, (I) **20**, 261; (II) **20**, 381
 - by redox systems, **18**, 467
 - thermal, of styrene (I) **15**, 389; (II) **15**, 401; (III) **15**, 409; (IV) **15**, 417; (V) **15**, 441
 - of vinyl esters, **15**, 339
- polymers,**
 - chemical conversion of, **18**, 333
 - crosslinked, investigation on, (I) **24**, 343
 - synthetic, linear (I) **10**, 111; (III) **14**, 61; (IX) **33**, 327; (XI) **34**, 323; (XII) **37**, 435; (XXI) **43**, 129; (XXII) **45**, 131
- polymixin-B,**
 - hydrolysis of, **37**, 117
 - hydrolysis of copper complex of, **37**, 117
- polymixin B₁,**
 - synthesis of, **44**, 143
- polynuclear complex cyanides,**
 - magnetic and spectroscopic investigation of, **47**, 37
- polyoxychromones,**
 - synthesis of, (I) **20**, 169; (II) **22**, 449; (III) **32**, 103; (IV) **33**, 179
- polyoxy compounds,**
 - analysis of, (I) **20**, 359; (II) **20**, 443; (III) **21**, 91; (IV) **22**, 359; (V) **24**, 67; (VI) **35**, 1
- polypeptide,**
 - basic derivatives of, (I) **21**, 453; (II) **21**, 461
 - synthesis of, **46**, 221
 - type of bond of glutamyl residues in, **21**, 105
- polyphenols,**
 - paper chromatography of, (I) **10**, 421
- polyphosphoric acids,**
 - analytical use of, **8**, 355
- polysaccharides,**
 - synthesis of, **18**, 437
- polysulphides,**
 - analysis of, **26**, 167
 - formation and decomposition of, **3**, 125
- poly-L-tyrosine,**
 - preparation of, **5**, 313
- polyvinyl pyrrolidone,**
 - synthesis of, **19**, 1
- pore diffusion,**
 - role of inhibition by, (I) **39**, 213
- potassium,**
 - alkalimetric determination of, in presence of sodium, **3**, 281
- potassium iodide,**
 - oxidation of, by alternating current, **46**, 171
 - radiolysis of aqueous solutions of, **34**, 377
- potato-apyrase,**
 - purification of, **1**, 325
- potenciometric surfaces,**
 - analytical application of method of, **26**, 381
- precipitates,**
 - formation circumstances of, **26**, 43
 - thermal analysis of, (I) **7**, 27; (II) **7**, 43
- precipitation exchange reaction,**
 - radiometric investigation of, (I) **26**, 211; (II) **26**, 219; (III) **33**, 387
- precipitations,**
 - from homogenous solutions, **33**, 299
- Δ^5 -pregnen-3 β -ol-20-one,**
 - preparation of, **8**, 303
- preservation,**
 - of meat by cold, **23**, 339
- promoters,**
 - of dehydrogenation catalysts, **1**, 137
- propane,**
 - bituminous production of residue of, **36**, 459
 - technical parameters of deasphalting of, **36**, 313
- propenylphenol,**
 - derivatives of, **47**, 199
- propenylphenolethers,**
 - investigation on, (I) **2**, 231
 - *trans-trans* spatial structure of, **16**, 141

- propionaldehyde,**
 - thermal decomposition of, **50**, 263
- propylene,**
 - oligomers of, **40**, 445
- protecting group,**
 - CF_3 containing, **44**, 19
 - in peptide chemistry, **44**, 5
- proteins,**
 - biuret test of, (I) **2**, 451; (II) **3**, 273; (III) **4**, 11; (IV) **6**, 275; (V) **7**, 411; (VI) **10**, 347; (VII) **15**, 9
 - microbiology of racemization of, (I) **2**, 1; (II) **2**, 147; (III) **10**, 353
 - polarographic evaluation of biological value of, **9**, 353
- pseudobaptigenin,**
 - synthesis of, (I) **19**, 218
- pure liquids,**
 - relation between internal pressure and viscosity of, **29**, 309
- pyridine,**
 - separation of, from solutions of sodium phenolate, **16**, 205
- pyridine compounds,**
 - IR spectra of monosubstituted, **43**, 205
- pyridine ring,**
 - direct substitution of, **21**, 445
 - direct amine-substitution in, **29**, 245
- 2-(3'-pyridyl)-1,3,8-triazanaphthalene**
 - **48**, 353
- pyrocatechol,**
 - separation of, **13**, 397
- pyrolysis gasoline,**
 - hydrorefining of, **36**, 131
- quantitative spectral analysis,**
 - fundamental equation of, **41**, 281
- quartz,**
 - transformation of, **11**, 357
- quinalizarine,**
 - polarography of organic metal complexes of, **9**, 375
- 8-OH-quinoline,**
 - metal complexes of, **32**, 437
- quinoline derivatives,**
 - light absorption of, **5**, 1
- racemization,**
 - contribution to, **44**, 43
 - during coupling reactions, **44**, 37
 - in peptide synthesis, **44**, 51
- radiation,**
 - of aqueous solutions, **12**, 241
- radical polymerization,**
 - kinetics of, (XII) **42**, 149
 - kinetics of, on basis of hypothesis of hot radicals, (I) **43**, 397; (II) **44**, 403
- radioactive elements,**
 - fixation of, **35**, 225
- radioactive isotopes,**
 - preparation of carrier-free, (I) **29**, 447
- radioactive measurements,**
 - nuclear chemical significance of absolute, (II) **50**, 245
- radioactive substances,**
 - spectrochemical analysis of, (I) **32**, 407
- radioactive tracer,**
 - in storing silver-zinc storage cells, **31**, 473
- radioactive tracer method,**
 - application of, on ion-exchange equilibria, (I) **30**, 49
- radioactivity,**
 - of atmospheric precipitations, **19**, 111
- radioisotope preparations,**
 - analytical chemistry of, **26**, 195
- radiolytic processes,**
 - p_H dependence of, **33**, 143
- radiometric titration,**
 - automatic, **26**, 179
 - technique of, **49**, 131
 - theoretical problems of, **32**, 397
 - with ^{110}Ag as indicator, **26**, 267
- rare earths,**
 - spectrography of, **28**, 49
- rare earth elements,**
 - reactions of, with polyhydroxyflavones, **33**, 135
- rare earth metals,**
 - determination of, **17**, 55
 - isolation of, **34**, 151
 - quantitative determination of, **6**, 173
 - separation of, **10**, 303
 - separation of, by ion exchange chromatography, (I) **43**, 1; (II) **43**, 9
- rare elements,**
 - analysis of, with aromatic phosphonic acids, **32**, 171
- reactor substances,**
 - spectrographic trace analysis of, **30**, 395
- rectifying columns,**
 - with perforated plates, **16**, 321
- red mud,**
 - phase transformation of, **50**, 427
- redox indicator,**
 - applications of, in indirect analysis of anions, **32**, 145
 - for non aqueous solutions, **26**, 71
- redox reactions,**
 - investigation of, (I) **13**, 243
- redox system,**
 - of diphenylamine type, **26**, 53
 - reversibility of, **13**, 293
- redox titration,**
 - in non aqueous medium, **15**, 81
- redox indicators,**
 - use of, in mercurimetric titration, (I) **17**, 17; (II) **17**, 27

- reduced crude,**
 - processing of, **31, 267**
- reduction mechanism,**
 - of aromatic sulphochlorides, **15, 385**
- redundancy conditions, (I) 45, 285; (II) 46, 45; (III) 49, 97**
- refrigeration,**
 - of fruits and vegetables, **23, 435**
- resorcinol-formaldehyde resin,**
 - compounds of, **1, 163**
- rhenum,**
 - polarography of traces of, **27, 119**
- rhenum compounds,**
 - analytical application of complex, **32, 183**
- riboflavin,**
 - polarographic catalytic wave of, **48, 89**
 - polarography of, **6, 345**
- ring cleavage,**
 - of two monosehydrazones, **38, 145**
- ring complexes,**
 - preparation of, by aluminum chloride, **5, 183**
- roasting,**
 - of coffee, **23, 303**
 - of foodstuffs, **23, 291**
 - with turbulent layers, **18, 173**
- Romashkino crude,**
 - bitumen from, **36, 447**
- rubber,**
 - compounds of, **1, 163**
- rubber blocks,**
 - stress-strain relation of, (I) **2, 317**;
(II) **7, 393**
- rubidium,**
 - separation of radioactive, by chromatography, **33, 309**
 - flame photometric determination of, **30, 375**
- rutile,**
 - sister structure with vacant places, **33, 317**
- salicylaldoxime,**
 - UV and IR spectra of derivatives of, **46, 1**
 - UV and IR spectra of metal complexes of, **46, 1**
- salicyloyl-populin,**
 - attempts to synthesis of, **19, 285**
- salicyloyl-salicin,**
 - attempts to synthesis of, **19, 285**
- Salsola kali,**
 - active substances in, **32, 467**
- salsoline analogues,**
 - synthesis of, **14, 325**
- scale effect,**
 - in chemical engineering, **20, 345**
- scandium,**
 - fluorometry of, **27, 413**
- scattering,**
 - spectrum analysis by, (IV) **28, 75**
- Schulek, E.**
 - necrologue and bibliography of, **41, 5**
- Schwarzschild-effect,**
 - role of, **50, 23**
- scopolamine,**
 - synthesis of, **15, 95**
- scutellarein,**
 - structure and synthesis of, **16, 445**
- selenindigo,**
 - UV absorption spectra of, **11, 57**
- selenious acid,**
 - partition of, **25, 391**
- selenium,**
 - chemistry of, (VII) **37, 351**; (XIII) **45, 23**; (XIV) **47, 137**; (XV) **48, 99**
 - complexometric determination of, **33, 381**
 - determination of, **26, 243**
 - determination of, in non aqueous medium, **38, 303**
 - preparation of, by ion exchange, **33, 187**
- selenium(IV),**
 - polarography of, **25, 379**
- selenium compounds,**
 - chemistry of, (VII) **37, 351**; (XIII) **45, 23**; (XIV) **47, 137**; (XV) **48, 99**
- selenonaphtene,**
 - UV absorption spectra of, **11, 57**
- semicarbazide,**
 - determination of, **39, 21**
- semiconductors,**
 - iron oxide-base, (I) **5, 215**; (II) **16, 71**
- separation,**
 - by anion exchange, **19, 75**
 - of arsenic, molybdenum and tungsten, **27, 215**
 - of uranium and rare-earth elements on ion exchange resin, **27, 269**
- serines,**
 - synthesis of cyclic N-lost derivatives from β -substituted, **47, 231**
- serum proteins,**
 - fractionation of, **41, 167**
 - polarography of, **9, 311**
- seryl,**
 - pyrophosphates and phosphates, **44, 223**
- setoglaucin,**
 - use of, as indicator in cerimetry, **10, 51**
- silica,**
 - quick titrimetric determination of, **10, 19**
- silica-alumina,**
 - electron microscopic examination of catalyst, **49, 165**

- silica gels,
 - structure of, 7, 233
- silicates,
 - crystallisation of fused, 2, 1
 - new quick analysis of, 28, 259
 - quick analysis of, (I) 6, 233; (II) 6, 243; (III) 6, 251
- silicides,
 - of high melting point, 18, 35
- silicon,
 - activation analysis of, 26, 253
 - determination of, in uranium, 33, 267
- silicon carbide,
 - behaviour of, in burning space, 35, 321
- silicon-organic polymers,
 - thermal processes in, 41, 269
- silicon rubber,
 - membrane electrodes, theory of, (I) 48, 17
- silicon tetrachloride,
 - determination of trace impurities in, 28, 111
- silicotic persons,
 - investigation in sera of, 9, 443
- silver,
 - colorimetry of, with dithizone, 5, 133
 - determination of, 41, 187
 - ions, ascorbinometric determination of 4, 195
 - oxide-compounds of, 30, 1
- silver bromide,
 - photosensitivity of suspensions of, 5, 277
- silver formate,
 - paramagnetic momentum of, 13, 107
- silver halide,
 - influence of, on electromotive force, 32, 235
- silver iodide,
 - surface reactions of, 7, 149
 - surface oxidation reactions of, 8, 49
- silver-lead alloy,
 - analysis of, 32, 151
- silver nitrate,
 - viscosity of solutions of, 16, 149
- silver subfluoride, (Ag_2F),
 - redetermination of crystal structure of, 49, 329
- sinusoidal current,
 - effect of, on electrode processes, (I) 30, 29; (II) 30, 431; (III) 31, 407; (IV) 32, 355; (V) 32, 363; (VI) 34, 301; (VII) 35, 29; (VIII) 35, 171; (IX) 35, 265; (X) 37, 53; (XI) 37, 65; (XII) 37, 251; (XIII) 37, 405; (XIV) 38, 203; (XV) 38, 325; (XVI) 39, 77; (XVII) 40, 289
- slags,
 - spectrochemistry of, 28, 65
- sodium,
 - alkalimetric determination of, in the presence of potassium, 3, 281
 - investigation of atomabsorption with, 28, 133
- sodium dithionite,
 - autooxidation of, 45, 63
 - polarography of, 9, 421
- sodium nitrate,
 - viscosity of solutions of, 16, 149
- sodium selenate,
 - crystal structure of, 39, 85
- sodiumtetraphenylborate,
 - chromatometric titration of, 28, 271
- soft rubber,
 - thermoelasticity of, 1, 403
- solanum alkaloids, (IV) 17, 241; (V) 17, 249; (VI) 20, 331; (VII) 25, 321
- solanum laciniatum,
 - steroid substances of, 34, 363
- solanum species,
 - steroid glyco-alkaloid content of, (IV) 33, 407
- solid catalyst,
 - electron bonds and catalytic properties in, 14, 173
- solid phase reactions,
 - catalysis of, 34, 241
- solid state polymerization,
 - investigation of radiation-induced, (I) 43, 121; (II) 40, 419; (IX) 46, 345; (XIV) 47, 211; (XV) 50, 319
- solution,
 - microanalytical spectral analysis of, 49 349
- solution spectrography,
 - influence of electric excitation parameters on, 30, 399
- Sophora japonica*,
 - glycosides of, (V) 15, 103
- sophoricoside,
 - synthesis of, 4, 383
- sorbitan esters,
 - application of, in mineral oil industry 31, 175
- sorbose,
 - synthesis of derivatives of, 50, 371
- spark discharge,
 - excitation condition at, 30, 285
- sparkling-off effect (I) 22, 183; (II) 22, 199; (III) 22, 255; (IV) 22, 265; (V) 22, 373; (VI) 22, 383; (VII) 24, 1; (VIII) 24, 111; (IX) 25, 1; (X) 25, 13
- special amino acids,
 - peptides and derivatives of, (I) 50, 361
- specific gravity,
 - as a function of nucleon number, 29, 149
- specific surface area,
 - determination of, 50, 221

- spectral analysis,**
 - application of, in geochemistry, **28**, 9
 - comparison of various methods of, **42**, 1
 - double rotating spark in, **25**, 327
 - evaluating device for, **10**, 357
 - mathematical evaluation in, **10**, 307
 - quantitative calculation of, **28**, 17
 - analogue computer for evaluating of semi-automatic, **24**, 143
- spectral carbon,**
 - influence on excitation of density of, **30**, 307
 - new parameters in evaluation of, **30**, 315
- spectral lines,**
 - microphotographic measurement of, **32**, 419
- spectrochemical analysis,**
 - of solutions, by cup electrode, **7**, 343
 - of solutions, with rotating pin electrode technique, **7**, 1
 - slit arrangement for, **39**, 1
- spectrochemical local analysis,**
 - simple method of, **30**, 295
- spectrochemistry,**
 - in sulfuric acid media, (I) **48**, 185; (II) **48**, 193
- spectrographic analysis,**
 - "blank value" of contaminants of auxiliary electrodes in, **49**, 11
 - device for the transformation of blackening in, **8**, 373
 - effect of spectral carbon on, **18**, 101
- spectrographic determination,**
 - extrapolation method for, **30**, 267
- spectrometers,**
 - applicability of spraying devices in, **39**, 301
- spectroscope,**
 - for material's investigation, **19**, 51
- spectrum analytical addition-method,**
 - development of, **35**, 377
- spermin,**
 - synthesis of, **4**, 5
- sphingosine,**
 - synthesis and stereochemistry of, (IX) **5**, 341; (X) **5**, 349; (XIII) **5**, 359; (XIV) **5**, 477
- spinel,**
 - formation and properties of, **41**, 219
- stability constant,**
 - determination of, of mixed complexes, (I) **32**, 1
 - polarographic determination of, **26**, 365
- stabilization,**
 - of free radicals, **3**, 139
- stannic chloride,**
 - determination of, **50**, 63
- starch,**
 - biosynthesis of (VII) **50**, 351
- hydrolysis of, **27**, 295
- reaction rate of acid hydrolysis of, **46**, 77
- stationary reactors,**
 - fundamental equation of conversion in, **37**, 287
- steam space,**
 - analysis in, **26**, 157
- steels,**
 - spectrochemical determination of heat treatment of, **29**, 11
- steran skeleton,**
 - compounds, (I) **17**, 411; (II) **19**, 243; (III) **19**, 253; (IV) **20**, 67; (V) **24**, 83; (VI) **30**, 71; (VII) **30**, 207; (VIII) **30**, 213
- stereospecific conversion,**
 - in furyl-2-ketoxime series, **19**, 143
- sterility,**
 - bacteriological control of, **23**, 267
- sterilization,**
 - of foods by irradiation, **23**, 529
 - of foodstuffs, **23**, 259
- steroid alkaloid-glucosides,** (VII) **38**, 53; (X) **46**, 205; (XI) **49**, 109
- $\Delta^{3,5}$ -steroid compounds,**
 - preparation of, **48**, 255
- steroids,**
 - analysis of, (I) **47**, 1; (II) **47**, 7; (III) **47**, 121; (IV) **48**, 121; (V) **48**, 249
 - paper chromatography of, **14**, 295
 - synthesis of, (I) **48**, 129; (VI) **48**, 241
- sterols,**
 - dinitrophenyl ether of, **35**, 107
 - pyrolytic dehydrogenation of, **42**, 379
- stilbene,**
 - light absorption of, **14**, 299
- stoichiometry,**
 - mathematical fundamentals of, **32**, 59
- streaming gases,**
 - ignition parameters of, (I) **35**, 233
 - (II) **35**, 351
- streptomycin,**
 - derivatives of, **5**, 97
- stretching vibration bands,**
 - of NH₂ at wave numbers lower than 3000 cm⁻¹, (I) **40**, 317
- SrS₂O₃ · 5 H₂O**
 - unit cell and space group of, **17**, 119
- strong electrolytes,**
 - electrical conductance of, **25**, 341
 - internal pressure of, **31**, 373
- strychnos alkaloids,**
 - determination of, **41**, 209
- styrene,**
 - inhibition of polymerization of, **24**, 91
 - polymerization of, (I) **35**, 281; (II) **37**, 419; (III) **37**, 453
- substitution reactions,**
 - mechanism of, with tracer atoms, **18**, 439

- sugar,
 - by heat decomposed products of, 23, 159
 - browning of solutions of, with amino acids heated, 23, 247
 - synthesis of derivatives of, (III) 19, 295; (IV) 19, 307; (V) 25, 361; (VI) 37, 443
- sugar alcohols,
 - oxidation of, (IV) 14, 407; (V) 45, 57
- sugar formazanes,
 - polarographic analysis of, 6, 263
- sugar juice,
 - behaviour of, on cation exchanger, 1, 196
- sugar tetrazolium,
 - polarographic analysis of derivatives of, 6, 263
- sulphate,
 - quick determination of, 3, 519
- sulphates,
 - determination of, by pyrogenic decomposition, 4, 37
- sulphenic anhydrides,
 - confirmation of, 11, 15
- sulphenyl chlorides,
 - reaction of, 18, 59
- sulphide catalysts,
 - properties of, (XII), 29, 237
- sulphides,
 - analysis of, 26, 167
 - formation and decomposition of, 3, 125
- sulphidic sulphur,
 - determination of, 3, 511
- sulphites,
 - formation and decomposition of, 3, 125
- sulphochlorides,
 - reduction of, 46, 357
- sulphonic acids,
 - alkylation reactions by esters of, 12, 195
- sulphoxides,
 - pickling liquor sparing effect of, 20, 215
- sulphur,
 - complexometric determination of, 33, 381
 - determination of, in non aqueous media, 28, 179
 - hydrolysis of, 10, 291
- sulphur compounds,
 - catalytic hydrogenation of, 14, 133
 - detection of, with fluorescein-1,3,6,8-tetramercurytetraacetate, 50, 39
 - mercurimetry of, 28, 303
 - optically active, structure of, 3, 47
- sulphur dichloride,
 - reaction of, with cyanide, 47, 129
- sulphur peroxyacids,
 - oxidation potential of, 14, 275
- sulphurein,
 - synthesis of, (auron glycosides) (I) 12, 259
- sulphuric acid,
 - change of oxidation-number in solution of, 26, 149
- system palladium-thiosalicic acid,
 - physico-chemical studies of, 48, 219
- Szebellédy-catalytic microreaction,
 - quantitative interpretation of, 26, 133
- tanning agents,
 - synthetic, paper chromatography of, 10, 169
- tantalum,
 - spectrography of, 28, 103
- tar,
 - complex processing of, 36, 177
- tar pitches,
 - physical investigation on brown coal, 31, 145
- tar-water emulsion,
 - production and decomposition of, 32, 377
- target,
 - analysis of, 26, 235
- tautomeric equilibrium,
 - constant of, 18, 407
- tautomerism,
 - of heterocyclic pseudobasic amino-carbinols, 17, 463
- term splitting,
 - in electrostatic complexes, 14, 255
- ternary electrolyte solutions,
 - physico-chemical investigation of, (III) 28, 359; (IV) 29, 75; (V) 29, 157; (VI) 29, 297
- ternary solution systems,
 - calculation of viscosity of, 39, 437
- ternary solution,
 - thermodynamical investigation of, 15, 301
- ternary systems,
 - dielectric behaviour of, 24, 31
- tertiary butanol,
 - dehydration of, 46, 229
- β -tertiary butyl aspartate,
 - anomalous reaction of, 41, 329
- test runs,
 - evaluation of, 37, 203
- testosterone esters,
 - preparation of, 1, 281
- tetracyanonickel(II) ion,
 - vibrational symmetries of, 19, 35
- tetrahydrofurfuryl alcohol,
 - syntheses from (I) 14, 333; (II) 14, 417; (III) 16, 363; (IV) 19, 195
- DL-1,2,3,4-tetrahydro-2-naphthylamine,
 - derivatives of, 49, 291
- tetrahydrothiopyrane,
 - preparation of 2- and 3-carboxylate of, 34, 87

- tetrahydro-1,4-thiapyrones**,
— preparations of, **21**, 97
- tetralin ring**,
— stereochemistry of, **5**, 365
- 1,2,3,5-tetraoxybenzene**,
— synthesis of, (I) **3**, 487
- tetraphenylhydrazine**,
— rate of dissociation of, **34**, 61
- tetrazolium**,
— effect of nitro-group on formation of, **7**, 455
- tetrazolium salts**,
— synthesis of, **25**, 115
- thallium**,
— gravimetry of, (I) **26**, 85; (II) **26**, 93
- theobromine**,
— volumetric analysis of, **1**, 124
- theophylline**,
— volumetric analysis of, **1**, 124
- thermal decomposition**,
— kinetics of, **48**, 225
- thermal stability**,
— of eutectic mixture of diphenyl and diphenylmethane, **47**, 157
— of sulphur compounds of gas oil distillate, **14**, 125
- thermic decomposition**,
— of secondary lead orthophosphate, **18**, 387
- thermo analysis**,
— of reaction tungsten trioxide and carbon monoxide, **26**, 113
- thermochemistry**,
— of inorganic compounds, **18**, 313
- thermodynamic properties**,
— calculation of, **5**, 317
— periodicity of, **8**, 207
- thermodynamics**,
— relation between integral principle of, and Hamilton principle, **47**, 367
— possible axiomatic development of, **30**, 147
— variational principles of, **43**, 353
- thialysin**,
— derivatives of, **44**, 219
— peptides of, **44**, 219
- thiamin**,
— polarography of, **6**, 345
- thiazole**,
— chemistry of, **12**, 325
- thiodibenzoic acids**,
— synthesis of symmetrical, **34**, 71
- thioether carboxylic acids**,
— Arndt—Eistert chain-lengthening of, **34**, 75
- thiohydantoins**,
— synthesis of, (XVI) **37**, 457; (XXIII) **47**, 391; (XXIV) **50**, 303
- thiol compounds**,
— addition of, to double bond, (II) **3**, 371; (III) **3**, 501; (IV) **5**, 187
- thiomolybdate ions**,
— determination of, by spectrophotometry, **34**, 179
- thiosulphates**,
— formation and decomposition of, **3**, 125
- thiosulphinic acids ester**,
— confirmation of, **11**, 15
— reaction of, with Grignard reagent, **16**, 247
- thiosulphonates**,
— reduction of, **46**, 357
- thiosulphonic acid**,
— structure of aromatic esters of, (I) **4**, 271; (II) **6**, 373
- thiosulphonic esters**,
— production of aromatic, (I) **5**, 159; (II) **7**, 307
- thiotungstate ion**,
— determination of, by spectrophotometry, **34**, 179
- thiourea**,
— oxidation of derivatives of, (I) **40**, 99
- thorium**,
— analysis of, **28**, 207
— determination of minute content of, **37**, 1
- thorium(IV)**,
— separation of, **7**, 325
- tin**,
— determination of, in foods, **1**, 343
- tiron**,
— application of, in complex photometry, **26**, 281
- titanium**,
— extraction of, **44**, 357
- titanium(IV)**,
— colorimetric determination of, (III) **7**, 403
— separation of, **7**, 325
— spectrophotometry of, **33**, 23
- titanium chelates**,
— spectrophotometry of, **18**, 121
- titanium tetrachloride**,
— determination of, **50**, 63
— investigation of complexes of, **21**, 169
- titration**,
— in non-aqueous media, reagent for, (I) **25**, 305; (II) **25**, 313
— with end point indication, by reversible redox-adsorption, (I) **10**, 125; (II) **10**, 259
— with polarized electrodes, **3**, 391
- tomatidine**,
— studies on, (I) **16**, 403; (II) **16**, 411
- torsion balance**,
— versatile, for chemical laboratory, **17**, 393

- p-tosylglycine**,
— cleavage of, 17, 471
- N-(p-tosyl)-phenacylamines**,
— decomposition of, 21, 89
- trace analysis**,
— use of catalytic reactions in, 28, 319
- tracer atoms**,
— application of, 12, 119
- traces**,
— determination of, of elements, 34, 123
- transference numbers**,
— determination of, 39, 357
- l*-transformation**,
— accordance of theoretical and practical correlations of, 41, 155
— application of, 41, 97
- transformation constant κ** ,
— determination of, 28, 59
- transition metal complexes**,
— with pseudo-aromatic inorganic ligands, formation of, (I) 31, 357
- transition metals**,
— complex compounds of, 18, 375
— light absorption of cyano complexes of, 40, 397
- triacetyl levoglucosan**,
— kinetics and mechanism of reaction of, 21, 193
- tribromophenol bromine**,
— structure of, 17, 211
— structure of, 21, 63
— attempt to clear up structure of, 21, 67
- tri-*n*-butyl phosphite**,
— association constant of, 48, 299
- trichothecin**,
— polarographic behaviour of, 35, 297
- tricesyl phosphate**,
— determination of, in presence of dibutyl-phthalate, 26, 481
- N-(β,β,β -trifluoroethyl)-p-tosylamides**,
— decomposition of, 21, 89
- (3R : 4S : 5)-3,4,5-trimethoxy-cyclohexane-1,1-dicarboxylic acid**,
— synthesis of esters of, 50, 405
- trimethyl cyclohexadiene carboxylic acid**,
— synthesis of, 12, 289
- trimethyl cyclohexenone**,
— preparation of, 7, 57
- trimethylsilyl group**,
— vibrational spectrum of, 47, 329
- triphenyltetrazolium chloride**,
— polarography of, 4, 55
— polarographic investigation of, 15, 27
- tritium**,
— measuring of, 49, 173
- tropane alkaloids**,
— steric structure of, 5, 379
- tropinone**,
— attempted synthesis of, 6, 365
- tube-electrode method**,
— for spectrography of metal powders, 48, 209
- tubulosine**,
— synthesis of, 49, 427
- tungsten**,
— determination of, 19, 327
— reaction of, (I) 44, 241; (II) 44, 253; (III) 45, 1; (IV) 45, 267; (V) 48, 279
- tungsten oxide $WO_{2.95}$** ,
— preparation of, 46, 165
- tungsten oxides**,
— reactions of, (I) 44, 241; (II) 44, 253; (III) 45, 1; (IV) 45, 267; (V) 48, 279
- DL-tyrosine**,
— preparation of labelled, 34, 105
- ultra sounds**,
— physico-chemical and mechanical effects of, 23, 469
- ultraviolet rays**,
— germicidal effect of, 23, 483
- uranium**,
— chromatography of, (I) 22, 131; (II) 22, 239
— determination of, in biological substances, 33, 281
— determination of, in minerals, 33, 275
— polarography of, 27, 143
— recovery of, with use of ion exchange resins, 29, 1
- uranium**,
— separation of, 28, 287
— spectrophotometry of, 8, 233
— spectrophotometry of, 28, 279
- uranium(VI)**,
— colorimetric microdetermination of, 7, 317
— detection of, by salicylic aldoxime, 15, 225
— photometry of, 27, 403
— polarography of, 27, 155
— separation of, by paper chromatography, 11, 1
- urea**,
— clathratography of, 46, 179
— preparation of, derivatives of, (I) 4, 355; (II) 4, 369
- urea adducts**,
— dissociation of, 42, 119
- urine**,
— complexometry of, 18, 85
- UV absorption spectra**,
— of saturated vapour mixtures, 5, 255
- UV spectra**,
— analytical chemistry of, 27, 359

- UV spectrophotometry,**
 - of *o*-, *m*-, *p*-xylene and ethylbenzene mixture, 33, 17
- vanadium,**
 - determination of, (I) 7, 277; (II) 7, 287; (III) 7, 293
 - determination of, in aluminum and alumina, 4, 259
 - determination of, in ferrovanadium, 11, 73
 - determination of, in pure aluminum, 11, 277
 - photometric determination of, 13, 335
 - volumetric analysis of, (I) 2, 331; (II) 3, 469
- vanadium(V),**
 - colorimetric microdetermination of, 6, 339
 - ethylenediamine tetraacetic acid complex of, 16, 115
- vapours,**
 - interferences from analogy between adsorption and condensation of, 8, 143
- variamine blue,**
 - as indicator in iodimetry, 5, 235
 - preparation of derivatives of, 15, 65
 - as redox indicator, 12, 251
- vegetables,**
 - action of cold on, 23, 425
- vibrational force constants,**
 - determination of, 47, 53
- vincamine,**
 - polarographic behaviour of, 27, 105
- vinyl bromide,**
 - vibrational forms of, 43, 315
- vinyl chloride,**
 - normal vibrations and normal frequencies of (I) 34, 411; (II) 35, 61
- vinylesters,**
 - polymerization of, 15, 339
- viscosity,**
 - relationship of, in electrolyte solution, (I) 16, 339 (II) 16, 345
 - variation of, of strong electrolytes, 16, 451
- vitamin B₆**
 - content of, in vegetables, 23, 255
- vitamin B₁₂**
 - determination of, 41, 195
- vitamin C,**
 - decomposition of, (I) 21, 363; (II) 24, 421; (III–IV) 24, 437; (V–VI) 35, 119
- vitamins,**
 - polarography of, 9, 279
- volatile ore constituents,**
 - determination of, by rotating electrode disk, 30, 359
- wall effect,**
 - in oxidation of hydrocarbons, 42, 339
- waste sulphite liquor,**
 - yeast fermentation of, 47, 431
- water,**
 - contact boundary angle of, 24, 333
 - determination of free radicals formed on radiolysis of, 38, 249
- water,**
 - determination of, in organic fluids, 28, 217
 - free radicals formed at radiolysis of, 21, 289
 - reaction kinetics of decontamination of, 33, 471
- wine,**
 - shortening the maturing time of, 23, 419
- X-ray,**
 - effect of, on properties of motor fuels, 31, 235
 - probability distribution of, 19, 469
- X-ray analysis,**
 - of raw phosphates, 27, 475
 - of reaction tungsten trioxide and carbon monoxide, 26, 113
- X-ray spectroanalytical devices,**
 - perspective of, 33, 39
- xyleneblue,**
 - use of, as indicator in cerimetry, 10, 51
- xylene mixtures,**
 - isomerization of, 36, 209
- D-xylose,**
 - ring stability of, 35, 217
- D-xylose-2,4-dinitro-phenylhydrazone,**
 - *o*-acetate of, 42, 145
- yeast,**
 - radiation resistance of, 23, 535
- zeolites,**
 - derivatography of synthetic, (I) 37, 371; (II) 45, 87
- Zimmermann–Reinhardt reagent,**
 - action mechanism of, 8, 423
- zinc,**
 - determination of, in pure aluminum, 11, 277
 - quick determination of, 3, 315
 - titration of, by xyleneblue VS or azurblues, as redox indicators, 16, 1
- zinc sulphate,**
 - viscosity of solution of, 21, 333
- zinc sulphide,**
 - spectrochemical investigation of, 21, 123
- zirconium,**
 - fluorometry of, 27, 413
 - volumetry of, (I) 22, 35; (II) 22, 139
- zirconium(IV),**
 - separation of, 7, 325
- zirconium-morin system,**
 - (II) 27, 371

The Acta Chimica publish papers on chemistry, in English, German, French and Russian.

The Acta Chimica appear in volumes consisting of four parts of varying size, 4 volumes being published a year.

Manuscripts should be addressed to

Acta Chimica
Budapest 502, Postafiók 32.

Correspondence with the editors should be sent to the same address.

The rate of subscription is 165 forints a volume. Orders may be placed with "Kultúra" Foreign Trade Company for Books and Newspapers (Budapest I., Fő utca 32. Account No. 43-790-057-181) or with representatives abroad.

Les Acta Chimica paraissent en français, allemand, anglais et russe et publient des mémoires du domaine des sciences chimiques.

Les Acta Chimica sont publiés sous forme de fascicules. Quatre fascicules seront réunis en un volume (4 volumes par an).

On est prié d'envoyer les manuscrits destinés à la rédaction à l'adresse suivante:

Acta Chimica
Budapest 502, Postafiók 32.

Toute correspondance doit être envoyée à cette même adresse.

Le prix de l'abonnement est de 165 forints par volume.

On peut s'abonner à l'Entreprise pour le Commerce Extérieur de Livres et Journaux «Kultúra» (Budapest I., Fő utca 32. Compte-courant No. 43-790-057-181) ou à l'étranger chez tous les représentants ou dépositaires.

«Acta Chimica» издают трактаты из области химической науки на русском, французском, английском и немецком языках.

«Acta Chimica» выходят отдельными выпусками разного объема. 4 выпуска составляют один том. 4 тома публикуются в год.

Предназначенные для публикации рукописи следует направлять по адресу:

Acta Chimica
Budapest 502, Postafiók 32.

По этому же адресу направлять всякую корреспонденцию для редакции.

Подписная цена «Acta Chimica» — 165 форинтов за том. Заказы принимает предприятие по внешней торговле книг и газет «Kultúra» (Budapest I., Fő utca 32. Текущий счет № 43-790-057-181) или его заграничные представительства и уполномоченные.

Reviews of the Hungarian Academy of Sciences are obtainable
at the following addresses:

ALBANIA

Ndërmarrja Shtetnore e Botimeve
Tirana

AUSTRALIA

A. Keesing
Box 4886, GPO
Sydney

AUSTRIA

Globus Buchvertrieb
Salzgries 16
Wien I

BELGIUM

Office International de Librairie
30, Avenue Marnix
Bruxelles 5
Du Monde Entier
5, Place St. Jean
Bruxelles

BULGARIA

Raznoiznos
1, Tzar Assen
Sofia

CANADA

Pannonia Books
2, Spadina Road
Toronto 4, Ont.

CHINA

Waiwen Shudian
Peking
P. O. B. 88

CZECHOSLOVAKIA

Artia
Ve Smečkách 30
Praha 2
Poštova Novinova Služba
Dovoz Tisku
Vinohradská 46
Praha 2
Maďarská Kultúra
Václavské nám. 2
Praha I
Poštova Novinova Služba
Dovoz Tlape
Leningradská 14
Bratislava

DENMARK

Einar Munksgaard
Nørregade 6
Copenhagen

FINLAND

Akateeminen Kirjakauppa
Keskuskatu 2
Helsinki

FRANCE

Office International de Documentation
et Librairie
48, rue Guy Lussac
Paris 5

GERMAN DEMOCRATIC REPUBLIC

Deutscher Buch-Export und Import
Leninstraße 16
Leipzig 701
Zeitungsvertriebsamt
Clara Zetkin Straße 62
Berlin N. W.

GERMAN FEDERAL REPUBLIC

Kunst und Wissen
Erich Bieber
Postfach 46
7 Stuttgart 5.

GREAT BRITAIN

Collet's Holdings Ltd.
Dennington Estate
London Rd
Wellingborough, Northamps.
Robert Maxwell and Co. Ltd.
Waynflete Bldg. The Plain
Oxford

HOLLAND

Swetz and Zeitlinger
Keizersgracht 471-487
Amsterdam C
Martinus Nijhof
Lange Voorhout 9
The Hague

INDIA

Current Technical Literature
Co. Private Ltd.
India House OPP.
GPO Post Box 1374
Bombay I

ITALY

Santo Vansia
Via M. Macchi 71
Milano
Libreria Commissionaria Sansoni
Via La Marmora 45
Firenze

JAPAN

Nauka Ltd.
92 Ikebukuro O-Higashi 1-chome
Toshima-ku
Chiyoda-ku
Tokyo
Maruzen and Co. Ltd.
P. O. Box 605
Tokyo-Central
Far Eastern Booksellers
Kanda P. O. Box 72
Tokyo

KOREA

Chulpanmul
Phenjan

NORWAY

Johan Grundt Tanum
Karl Johansgaten 43
Oslo

POLAND

RUCH
ul. Wronia 23
Warszawa

ROUMANIA

Cartimex
Str. Aristide Briand 14-18
Bucuresti

SOVIET UNION

Mezhdunarodnaja Kniga
Moscow G-200

SWEDEN

Almqvist and Wiksell
Gamla Brogatan 26
Stockholm

USA

Stechert Hafner Inc.
31 East 10th Street
New York, N. Y. 10003
Walter J. Johnson
111 Fifth Avenue
New York, N. Y. 10003

VIETNAM

Xunhasaba
19 Tran Quoc Toan
Hanoi

YUGOSLAVIA

Forum
Vojvode Mišića broj 1
Novi Sad
Jugoslovenska Knjiga
Terazije 27
Beograd